



A monthly publication of the Clear Lake Gem & Mineral Society

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NUMBER 8



**NEXT MEETING: Tuesday, August 16, 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 July CLGMS GENERAL MEETING

Mike has the Membership List, and it is increasing with every meeting good job.

Newsletter was approved and a reminder that our Gem Show is in March next year (2023).

Fieldtrip ideas are always welcomed and please let James Brittenham know.

Checks were given out for the Earth Science Scholarship, and they were:

Andie Price

Evan Bowen

Tahiry Andriamiharisoa

Jacob Copeland

William Flynn Herrington

Raegan Duran

Guest Speaker: John McGowen gave an awesome presentation about Chain Maile and had items for display.

Christina also spoke about Ruby: July's birthstone of the month.

Next Month: Christina will speak about Peridot-August birthstone of the month.

MINUTES OF THE August CLGMS BOARD MEETING.

Clear Lake Gem and Mineral Society Board Meeting at Panera Bread on 8/2/2022.

David found the suppliers for the club red vests. Will order 50 pieces: L-10, XL-15, XXL-20, XXXL-5. Needs approval from all members.

We still need to establish a "buddy" system for a few officers.

We also need to have a centralized documentations site for easy access by the officers and BOD members. Will be discussed with a few people involved.

The club might need a few ambassadors to attend other clubs' shows.

**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.

Several field trip sites are being considered in the fall.

Houston Club is planning for a field trip to West Texas detail will follow as soon available.

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

## **Upcoming events - We are looking forward to the following program(s).**

Speaker TBD.

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## **August Birthstone: The Peridot**

By Tim Goodwin

### **Meaning, Symbolism, and History of the Peridot**

In Hawaii, peridots are said to be the tears of Pele, the goddess of volcanoes and lava. Meanwhile, the Egyptians called peridot the “gem of the Sun” and believed it had special healing powers. Learn all about the history, meaning, and symbolism of peridot, the August birthstone!

### **Peridot’s Color**

Best known for its lime-green color, the peridot receives its envious coloration from the composition of the mineral olivine. This is unlike many other gems, whose colors come from impurities. It’s one of the few gemstones that comes in a single color, too. However, peridot can vary in shade from yellow-green to olive to brown-green.

Peridots are made up of a chemical composition that includes iron and magnesium, and the color depends on the amount and type of iron that is present. Ferrous iron (FeO) creates the green color, while ferric iron (Fe<sub>2</sub>O<sub>3</sub>) is responsible for the more yellow shades.

Peridot is both a day stone and a night stone, keeping its shining color even under artificial lighting. For this reason, it is sometimes called “Evening Emerald”.

### **Peridot Meanings, Symbolism, and Folklore**

- It is unclear where the name “peridot” originated. Some believe it is derived from the Arabic faridat, meaning “gem,” or from the Greek word, peridona, which means “give in abundance.”
- Given its resemblance to the color of money, peridot has often been associated with prosperity and good fortune.
- Ancient Egyptians called the peridot the “gem of the Sun,” as they believed it protected those who wore it from the terrors of the night.

- Some strung the peridot on donkey hair and tied it around their left arms in an attempt to ward off evil spirits.
- Egyptian priests believed it held the power of nature, using goblets encrusted with peridots to communicate with nature gods.
- According to Hawaiian religious beliefs, peridots are said to be the tears of Pele, the goddess of fire and volcanoes and the creator of the Hawaiian Islands.
- Peridots were seen as a way to help with respiratory ailments, insomnia, and bleeding. At one time, it was also thought to improve memory and ease labor and delivery.
- For years, peridot beads and talismans were believed to offer protection, as well as promote love, happiness, and wealth.

### **Where do Peridots Come From?**

Peridot is the name given to gem-quality olivine, which is a mineral that forms deep in Earth's mantle and is brought to the surface by volcanic activity. It is often found in volcanic rocks known as basalts. Rarely, it is found inside meteorites, with some crystals dating back more than 4 billion years. Peridots were first recorded on Topazios, a small island in the Red Sea now known as St. John's Island or Zabargad Island. Pliny the Elder, an ancient Roman naturalist, is among those who have written about the island and its gemstones.

In the 1990s, deposits were discovered in Pakistan, producing some of the finest peridots ever found. Today, the San Carlos Apache Reservation in southeastern Arizona is responsible for the majority of the world's peridot supply. The gem can also be found in China, Myanmar, Vietnam, Africa, and Pakistan.

### **Peridots in History**

- Peridots have a rich history dating back to ancient Egyptian times, when deposits were found on a small volcanic island in the Red Sea.
- For many years, the gem was often confused for emeralds. In fact, it is thought that a portion of Cleopatra's emerald collection was in fact made up of peridots. And it is not the only time the gem was confused for an emerald: the 200 carat stones that made up the Three Holy Kings shrine in Germany's Cologne Cathedral were also found to be peridots!
- In the Middle Ages, peridots were worn to provide foresight and inspiration. Romans used the stones to protect against enchantment.
- In 2005, peridot was found in comet dust upon the return of the Stardust space probe.
- In addition to being the birthstone for August, peridot is also the gemstone given for a 16th wedding anniversary.
- The largest known peridot, weighing in at 310 carats, is part of the collection at the Smithsonian National Museum of Natural History in Washington, D.C.

### **Peridot in Jewelry**

Peridots are common in many pieces of jewelry—from necklaces and rings to earrings and bracelets. With a Mohs Hardness rating of 6.5 to 7.0, it is softer than many gems and those wearing it daily should use caution to avoid damaging the gem. When storing, keep gems away from harder stones and jewelry to prevent scratching.

To clean peridot, use a soft-bristle brush with a mixture of mild dish soap and warm water.

## Other Birthstones for August

The peridot has become the gem most often associated with those born in the final full month of summer, but sardonyx was the traditional birthstone for August. Even more recently, spinel was added to the list of August birthstones.

### Sardonyx

- The sardonyx is a combination of two types of chalcedony, sard and onyx. The gem is made up of alternating layers of sard and onyx, creating a yellowish-red to reddish-brown zebra-striped gem with bands of black or white. Just imagine the planet Jupiter as a gemstone!
- In ancient times, Greeks and Romans wore sardonyx into battle. It would be engraved with images of gods because they believed the stone could harness bravery and provide courage and protection.
- Sardonyx was also thought to invoke happiness and clear communication. Others believed a sardonyx gemstone in each corner of your home would provide protection against evil.
- Historically, it has been used in seals and signet rings, as wax would not stick to the sardonyx.
- The gem is found around the world, including in India, Brazil, Germany, Uruguay, and the United States.

### Spinel

- Many have labeled the spinel as one of the most under-appreciated gem. For centuries, the gem was often mistaken for ruby and pink sapphire. In fact, some of history's most famous rubies have actually been spinels, including the Black Prince's Ruby and the Timur Ruby, both part of the Crown Jewels of England.
- It was not until the 18th century that the spinel was differentiated from the ruby due to chemical differences.
- Along with other red gems, the spinel was believed to be a remedy for blood disorders and inflammatory diseases. It has also been associated with joy and feelings of positivity, and thought to inspire relaxation.
- In addition to its well-known red appearance, the spinel comes in a variety of colors—cobalt blue, pink (bright and pale), purple, orange, black, yellow, and brown.
- The spinel has recognizable features that set it apart: its octahedral crystal makeup and single refraction.
- In Burma, the saying *nat thwe*, meaning “polished by the spirits,” is used to describe the gem.
- Spinel is found all over the world, including Afghanistan, Nepal, Sri Lanka, Tanzania, and the United States.
- Added to the list of August birthstones in 2016, the spinel is also given as a 22nd wedding anniversary present.



photo33mm/Shutterstock.

Here is more information on Peridot

## **Peridot Meaning - Peridot Healing Properties - Energy Muse**

### **Introduction to Peridot**

Reach for the sun with the Peridot crystal, an effervescent stone that harnesses the life-giving energy that turns night into day. The Vitamin D of your healing crystal collection, the Peridot crystal meaning is connected to the sun, making it your spiritual cheerleader that keeps you on the sunny side of life. The Peridot crystal shines like a light beam of energy, a stone of happy, light-hearted vibes and the perfect companion to lead you on a path of sunshine. Peridot is a sign that it's time to feel good, a simple wish and our divine birthright.

### **Peridot Meaning**

The Peridot crystal stone is a gem at inspiring the seekers of the universe. If it's light and love that you're after, keep this cheerful and uplifting stone in your environment and give your Feng Shui a boost with its candy-colored hue and protective, powerful qualities. The Peridot is considered a wood element and works to promote abundance, prosperity, and happiness in your home. It also adds pop of color to your interior design scheme, making Peridot an interior decorator's dream. After giving it an intention, place a polished stone or statue in the southeast or east corner of your home and get ready for its powerful vibes to bring wealth and well-being into your life.

Dating back to ancient Egypt, Peridot was a favorite of Cleopatra, who wore the stone for its beauty and to ward off evil spirits. According to legend, the Queen's emeralds were actually Peridot crystals, which share a similar aesthetic to the highly prized jewel. Known as the poor man's Emerald because of its less expensive price, the Peridot crystal meaning can be traced back to the volcanic areas of Hawaii on the island of Oahu, where tiny Peridot grains can still be found washed upon the shore. According to ancient folklore, these pieces of Peridot represent the tears of Pele, the goddess of the elements. Created in a fiery pit of lava millions of years ago, the Peridot crystal gets its olive to lime green colors from olivine, a type of mineral made up of iron, silicate, and magnesium.

Created from the intense inferno of volcanoes, Peridot is believed to be a gift from Mother Nature and considered a symbol of the yearly renewal of the planet. The Peridot crystal stone meaning comes from the Arabic "fairat," the word for gem, and has been cherished for its healing properties since ancient times. Its dazzling sheen and lush color also gave light to the dark ages when it was incorporated into the Shrine of the Three Kings in the Cologne Cathedral in Germany.

### **Peridot Healing Properties**

Gazing at the stone and its iridescent shade of lime green inspires images of the budding foliage of a forest, a symbol of abundance and prosperity. Taking a cue from regal legends, wear Peridot jewelry and attract love into your life when you place it near your heart. When you're basking in the glow of Peridot, feel the love of the universe protecting your heart and allowing you to fall in love with whimsical abandon. Like a goddess as a young girl, channel your free spirit as it exists in nature, an invigorating visualization especially for city dwellers. Meditating with the Peridot crystal properties shines a bright light on your journey of spiritual renewal and the discovery of new horizons.

## Peridot Properties

Channel the Peridot crystal healing properties with a daily meditation session in your sacred space. Borrowing from the Native American tradition used for thousands of years, cleanse your environment and crystals with a smudging ritual using a sage stick.

If you're in need of an emotional facelift, place raw Peridot stones over the heart chakra to clear out toxic emotions and feel your spirit opening to love, the medicine to heal the world. Peridot also supports the solar plexus chakra and works to clear mental blocks, which is excellent medicine for skeptics of crystal healing because it opens the mind to infinite possibilities of the universe and its healing powers. Often called the study stone, Peridot crystal healing properties are also known to increase mental focus by making the mind more receptive to learning new things. Keep Peridot in your workspace or office and always have constant access to its powerful properties that give you the strength to persevere, especially during times of challenging academic pursuits. It was also believed by the Romans to be a wonderful medicine for depression. Keep a Peridot stone in your pocket or wear it as jewelry and use it as your daily antidepressant that protects you from negative energy while bolstering a sense of self-worth and motivation. Always stay in the direction of the light with Peridot, the feel-good stone in the world of crystal healing.



GIA.

**SCFMS and MEMBER CLUB GEM SHOWS**

<p><b>April:</b>  <b>Central TX (Abilene, TX)</b>   <b>Chihuahuan Desert (Alpine, TX)</b></p>	<p><b>May:</b>  <b>Waco (Waco, TX)</b>   <b>*Tyler Gem &amp; Mineral</b>   <b>Ft. Worth (Ft Worth, TX).</b></p>	<p><b>June:</b>   <b>Arlington (Arlington, TX)</b></p>	<p><b>July:</b>   <b>None.</b></p>
<p><b>Aug:</b>  <b>Baton Rouge (Baton Rouge, LA)</b>   <b>Ark-La-Tex (Bossier City, LA)</b>   <b>Pine Country (Jasper, TX)</b></p>	<p><b>Sept:</b>   <b>Lubbock (Lubbock, TX)</b></p>	<p><b>Oct:</b>  <b>Tri-City (Temple, TX)</b>   <b>G&amp;MS of LA (New Orleans, LA)</b>   <b>Austin (Austin, TX) 10/22-24/21</b>   <b>Cowtown-CERA (Ft Worth, TX)</b></p>	<p><b>Nov</b>  <b>Golden Spread (Amarillo, TX)</b>   <b>Paleontological Society(Austin, TX)</b>   <b>Midland (Midland, TX)</b>   <b>Houston (Houston, TX)</b>   <b>Dallas (Dallas, TX)</b></p>
<p><b>Dec:</b>   <b>DeRidder (Leeville, LA)</b></p>			

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.

2022 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/ James Brittenham
Publicity.....	Annabel Brownfield		
Facebook.....	Cynthia McGowan		

Membership Dues Jan. to Dec. 2022: Adult \$15:00, Family Dues \$20.00 (4+) at same address. Send Dues to CLGMS, PO BOX 891533, Houston, TX, 77289