



A monthly publication of the Clear Lake Gem & Mineral Society

VOLUME 51	February 2025	NUMBER 2
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**NEXT MEETING:** Tuesday, February 18, 2025  
**TIME:** 7:00 p.m.  
**LOCATION:** Helen Hall Library  
 100 W Walker St.  
 League City, Tx 77573

<b>INSIDE THIS ISSUE</b>		
February meeting. Meeting	1	<u><a href="#">February MONTHLY MEETING</a></u>  We will be discussing our plan for our annual show.
Board/General Meeting Minutes Upcoming events	2-3	Please come and join us. We always need new ideas and suggestions so our show can run better.
Amethyst	4-7	We are making arrangements to cover all volunteer jobs. If you would like to help please sign up for one of these positions: <u><a href="https://www.mflan.com/temp/clgmsjobs.htm">https://www.mflan.com/temp/clgmsjobs.htm</a></u>
Upcoming shows	8	<b>2025 Membership dues.</b>

MINUTES OF THE January 2025 CLGMS GENERAL MEETING

Meeting held via Zoom due to weather.

## Treasurer Amounts

## Deposits

Memberships

Vendors for gem show

## Withdrawals

Best Buy additional ipad for gem show to ring up ticket purchases

Camera tripod for zoom meetings (was borrowing one)

Pasadena Convention Center

Storage Unit

Post office box yearly renewal

## Upcoming Withdrawals

Gem show expenses-convention center security (additional security officers 2 for show Sat/Sun (10 to 6 and 12 to 8 on Sunday) and one overnight), refreshments for volunteers and vendors, 2-3 hand carts, easels, table skirts, etc., possibly a large honorary vendor list plaque/display

Blue and yellow bags (500 of each color), vendor plaques (kudos for our honorary vendors being with us for a set number of years 10, 15, 20 years ,etc), postcards, power strip with long cable

Floor Plans – waiting for a few more vendors to create floor plan

New Membership Online form

Bay Area Printing no longer publishing their flyer. We need other marketing avenues (Chamber of Commerce, etc)

Thursday Warehouse 6 pm. Kelly's volunteer dinner

Friday Setup 7:30 am until 8 pm breakfast for volunteers

Saturday Show

Sunday Show with volunteer dinner at Mamaritas

Volunteer sign up see link on newsletter

MINUTES OF THE February CLGMS BOARD MEETING.

We have new signage for the show and club events.

Monica will have basic show signage printed locally. She will also purchase easels for the signs.

Table cloths have been ordered by Sandy. Fabric cloths for the main tables are royal blue. Plastic cloths will be used for the kids make and take area.

Sandy and Mike are working on the map of vendors. The map will be posted on social media as soon as it is available.

Monica will be ordering new hand carts to help with moving materials at the show.

Wristbands have been ordered.

New bags have been ordered. Some have arrived already.

David will reserve the U-Haul in the next few days.

Postcards have already been mailed and the show is being advertised online.

Vendors will receive a 50<sup>th</sup> anniversary pin at check-in.

David will get breakfast items and lunch items will be ordered and delivered by Jason's Deli for the hospitality room during the show.

We need 4-6 new vendor signs made. Looking for someone with a router that can help make the signs. We have 47 vendors for the show this year.

We have requested 2 officers to work the show this year. We hope that their times will be staggered. March's general meeting program will be a vendor from the show.

Call Out for volunteers to help set up, work the show, and tear down. We will speak about this during the meeting.

**Our next show will be February 22–23, 2025.**

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

February: Final discussion on the 2023 Annual Show.

March: One of our show vendors, TBA

**Field Trips Announcement**

Currently – no field trips are scheduled.

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## Amethyst February Birthstone



If you were born in February, your birthstone is amethyst – the purple variety of quartz that has captivated mankind for millennia. Its lilac to deep purple hues can be cut into many shapes and sizes, and it can be manufactured in a lab as well as mined. Amethyst, the February birthstone, can be found in the collections of royal families throughout Europe and Asia. Now it's within reach of most consumers. Consider buying a stunning amethyst for the king or queen of your heart – or treat yourself to a royal present. If your birthday is in February, then wearing an amethyst can also be a symbol of personal empowerment and inner strength.

### Amethyst Birthstone

#### Amethyst Birthstone Meaning & History

The name “*amethyst*” derives from the Greek *amethystos*, which means “a remedy against drunkenness,” a benefit long ascribed to the purple birthstone. Because of its wine-like color, early Greek mythology associated the gem with Bacchus, the god of wine. Amethyst was also believed to keep the wearer clear headed and quick witted in battle and business affairs. Renaissance Europeans thought it calmed lovers overrun by passion.

Amethyst is the gem traditionally given for the [sixth wedding anniversary](#). Wear it in celebration of your wedding nuptials or as your February birthstone and you'll be in royal company: Catherine the Great (Empress Catherine II of Russia, 1729–1796) had a penchant for the gem and decked herself in amethyst necklaces, earrings and other ornaments. The famous jewelry connoisseur Wallis, Duchess of Windsor (1896–1986), made a memorable statement when she wore a lavish [Cartier-designed amethyst bib](#) necklace to a gala in Versailles in 1953.



GIA.edu

The Duchess of Windsor's bib-style necklace boasts 28 step-cut amethysts, one oval faceted amethyst, and a large heart-shaped amethyst in the front, as well as turquoise cabochons and brilliant cut diamonds, all suspended from a rope-like gold chain. Courtesy: N. Welsh, Cartier Collection © Cartier

Historically, royals have admired the deep purple hue of the February birthstone since at least the days of Alexander the Great. Amethyst lore also includes several claims to mystical powers, including that it would convey strength and wit to those who wore it. If you celebrate a February birthday, wearing an amethyst can be a symbol of personal empowerment and inner strength.

Where is Amethyst Found?

Russia was the major source of amethyst until the 19th century, when large deposits were found in Brazil. Once as rare as ruby or emerald, amethyst was suddenly in abundance. Today, the most important sources of amethyst are in Africa and South America. Brazil is still a major supplier, especially its southernmost state, Rio Grande do Sul, though the rough amethyst mined there tends to have a lighter color than amethyst found in other countries. Amethyst from Brazil sometimes forms in hollow, crystal-lined geodes so large you can stand in them.

The Anahí mine in Bolivia is another prominent source for amethyst. Hidden in the Pantanal wetlands, the Anahí mine is shrouded in fascinating lore. It was discovered by a Spanish conquistador in the 1600s, given to him as dowry when he married Anahí (a princess from the Ayoreo tribe), forgotten for three centuries, and rediscovered in the 1960s. The Anahí mine is also famous in gem circles as the source of the unusual bicolored amethyst-citrine crystals called ametrine.



A treasure trove of amethyst and ametrine crystals line the walls of Bolivia's historic Anahí mine. Photo: Robert Weldon/GIA

In Africa, Zambia's Kariba mine is one of the largest amethyst producers in the world. Amethyst mined there tends to be of superb quality with richly saturated colors.

Amethyst is also found in the United States, just 46 miles (74 km) outside of Phoenix, Arizona. The Four Peaks amethyst mine is located high in the most rugged part of the Mazatzal Mountains. A remote location, hot summer temperatures, and a lack of water and power at the mine make for challenging conditions. Yet this jagged, arid, rattlesnake-infested terrain produces some very fine dark purple and purplish red amethyst crystals.



The Four Peaks amethyst mine is in a remote area northeast of Phoenix, Arizona. Photo: James Shigley/GIA

#### Amethyst Birthstone Care & Cleaning

Amethyst is a 7 on the [Mohs scale of hardness](#). This means that it is appropriate for daily use in rings and other jewelry, but over time it may show wear and require repolishing. Because this February birthstone is more susceptible to damage than harder gems such as rubies, sapphires and diamonds, you risk scratching your amethyst jewelry if you place it next to these harder stones...

Heat treatment is the most common technique for improving the color and marketability of natural amethyst. Heat treatment can't make pale amethyst darker, but it can lighten the color of very dark amethyst and make it more attractive. It can also remove unwanted brownish inclusions in some amethysts. Some amethyst turns yellow – to citrine – with heat treatment.

Heat treating amethyst results in a permanent change in color. However, submitting it to intense heat may render it slightly more brittle than usual, and care must be taken not to damage pointed faceted corners and sharp edges. Note, too, that excessive heat can remove the color entirely, and some amethyst fades with prolonged exposure to strong light. Though the color is stable with normal use, this is not a birthstone to wear to the beach every day.

Amethyst birthstone jewelry can be cleaned with an ultrasonic cleaner, but steam cleaning is not recommended. A soft brush with mild soap is the safest option.

As you shop for the February birthstone, you'll also encounter lab-created amethyst. Having the same chemical and physical properties as its natural counterpart, synthetic amethyst has been known since the 1970s. In some cases, it is very difficult to distinguish natural from synthetic amethyst without access to advanced gemological testing. The GIA Laboratory can tell the difference, but many in the jewelry industry do not request testing because of the cost and time required to determine the origin of what is a comparatively inexpensive gem. Still, merchants are required to tell you if a gem is natural or synthetic.

Credit: <https://www.gia.edu/birthstones/february-birthstones>



**50th Annual  
Clear Lake Gem & Mineral Show**

**February 22-23, 2025**  
PASADENA CONVENTION CENTER  
Saturday 10 - 6      Sunday 10 - 5

**S7 - General Admission**  
**S6 - Anyone with SI Coupon. Seniors >60. Veterans. College Students with ID**  
**FREE - Children 12 and under**

**FREE PARKING**

Dealers	Children's Activities	Ticket good for admission
Minerals & Fossils	Include:	<b>BOTH DAYS</b>
Rough Rocks	Gem Mine	For more information go to
Grand Prize Drawing	Dinosaur Show	<a href="http://www.clgms.org">www.clgms.org</a>
Hourly Door Prizes	Intro to Geology	
	Tools	
	Hands On Arts & Crafts	

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**SCFMS and MEMBER CLUB GEM SHOWS**

<p>East Texas Gem &amp; Mineral Society 1/24/2025 - 1/26/2025 Fri. 9-5, Sat. 10-6, Sun.10-4; Rose Garden Center, 420 Rose Park Dr; Tyler, TX <a href="http://www.etgms.org">http://www.etgms.org</a></p>	<p>Pony Express Prospectors Annual Show; Civic Arena, 4th &amp; Felix, St Joseph, MO; Sat. 2/15/2025 – 2/16/2025; Website: <a href="https://www.facebook.com/groups/1124110464312381">https://www.facebook.com/groups/1124110464312381</a></p>	<p>Gulf Coast Gem and Mineral Society Gem &amp; Mineral Show; 3/1/2025 - 3/2/2025 Richard M Borchard Fairgrounds, 1213 Terry Shamsie Blvd, Robstown, TX; Sat 10:00-6:00 Sun 10:00-4:00; Website: <a href="http://www.gcgms.org">http://www.gcgms.org</a></p>	<p>Ada Gem, Mineral, and Fossil Club Show, 3/28/2025 - 3/29/2025 Fri 8:00-6:00 Sat 9:00-5:00; Pontotoc Country Agri-Plex- Building #1; 1710 North Broadway, Ada, OK <a href="https://www.freewebs.com/agmfc">https://www.freewebs.com/agmfc</a></p>
<p>Texas Mineral and Fossil Show, 4/25/2025 - 4/27/2025 10:00 AM - 6:00 PM Lone Star Convention Center &amp; Expo 9055 Airport Rd, Conroe, TX <a href="https://www.rmgmpromotions.com">https://www.rmgmpromotions.com</a></p>	<p>Texas Mineral and Fossil Dallas/Plano; Plano Event Center, 2000 E Spring Creek Pkwy, Plano, TX; 5/16/2025 - 5/18/2025; Website: <a href="https://www.rmgmpromotions.com">https://www.rmgmpromotions.com</a></p>	<p>Colorado Mineral and Fossil Fall Show; Palmer Events Center, 900 Barton Springs Rd, Northglenn, CO; 9/5/2025 - 9/13/2025; Website: <a href="http://www.coloradominerallandfossilshows.com">http://www.coloradominerallandfossilshows.com</a></p>	

**Member of**

**Next Annual Show**

February 22-23, 2025  
Pasadena Convention Center

CLGMS is on the Web:  
<http://www.clgms.org>  
Facebook:  
<https://www.facebook.com/clgms>



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.

2025 OFFICERS:	President	Cynthia McGowan	281-546-2662
	Vice President	David Tjiok	832-423-4802
	Secretary	Christina Rankin	281-723-5408
	Treasurer	Monica Duran	
	Program Director	Christina Rankin	281-723-5408
	Board of Directors:	Sandra Christiansen	Jim Hawkins
		Spencer Pearson	John Caldine
		Donna Nelson	Vacant
Newsletter Editor	Heather Althoff		

Annual Show 2021 .....	Sandra Christiansen	
Constitution & Bylaws.....	Jim Hawkins	Membership.....Mike Flannigan
Community Benefits.....	Christina Rankin	WWW System Admin.. ..Mike Flannigan
Historian.....	David Tjiok	Refreshments.....Vacant
Publicity.....	Annabel Brownfield	Education/Field Trips.....Annabel Brownfield
Social Media.....	Cynthia McGowan	Field Trip Coordinator.....Cassie Renner

Membership Dues Jan. to Dec. 2025: Adult \$15:00, Family Dues \$20.00 (4+) at same address.  
 Send Dues to CLGMS, PO BOX 891533, Houston, TX, 77289