

# Littleton Gem and Mineral Club

## December 2023 Newsletter



**Time and Place:** December 15th Meeting

St. Philips Lutheran Church, 7531 S. Kendall Blvd., Littleton, CO 80128

**December Program: Holiday Party & Chili Cook-off, 6:30 pm**



**GET YOUR RECIPES READY...**

**The LGMC Annual Chili Cook Off is back!**

Bring your best Red, Green, White, Meat, Vegetarian, or Vegan Chili in your own crockpot or heated serving dish. There will also be club-provided chicken for those who don't eat chili.

We do not have access to the kitchen at the Church. In fact, we cannot use any of their utensils, paper towels, bags, etc. We do have access to the water and electric outlets, but we need power strips and extension cords brought to accommodate all entries. We are responsible for cleaning up everything including vacuuming, emptying trash, cleaning counters, replacing all tables and chairs to their locations, etc. Basically, all must be returned to the condition as we found it.

In addition to the Chili Cookoff, this event is also a POTLUCK! The club will supply paper goods and utensils (plates, bowls, cups, silverware, salt and pepper, some other odds and ends, and we even have a few serving utensils). As we are not sure about beverages being supplied, perhaps plan on bringing your own. For the potluck, all are encouraged to bring something to share based on their last name.

- **A-M** is asked to bring baked goods (breads, sweet or savory desserts)
- **N-Z** is asked to bring a side dish or chili alternative (think casseroles, veggies, salads)

**OUR OWN LGMC SANTA is going to visit, so bring your children!!!**

If you would like Santa to give your child a gift, please discreetly bring your wrapped present with the child's name on it to the holiday table and we'll make sure it makes its way into Santa's bag!!! There will be some extra donated gifts for the children too. Thanks Santa!

We will have a rhodochrosite pendant/necklace donated by our own club member, Kolin Olsen, which will be winnable at the Holiday Party. Funds raised will be used to offset various club expenses.

### **Give A Gift — Get A Gift**

We're hosting an optional gift exchange at this year's Holiday Party! Members are encouraged to bring a small, wrapped present of under \$20 value to swap. Bring your gift to the holiday table where you'll get a ticket to participate in the gift exchange. Later in the evening all gift tickets will be drawn for their holder to come and pick out which gift they would like to receive. Gag gifts are welcome, let's have some fun!!!

**Food Drive Donation:** Can you bring to the Holiday Party one or more of the following items for the Church?

- Winter Coats - gently used.
- Hygiene Items - Deodorant, Soap, Toothbrushes, Tooth Paste, Dish Soap, Hand Lotion, Chap Stick.
- Canned Goods - Canned Beans, Meal Soups (Stews), Pasta and Sauce.

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## **Editor's Note**

The new slate of club officers for 2024 is as follows:

- President – Kollin Olsen
- President Elect – Johny Reyes
- Vice-President – Nancy Kimber
- Secretary – Larry Havens
- Treasurer – Lynette Warren
- Trustee (2-year term 2023 & 2024) – Charles (Chuck) Borawa
- Trustee (2-year term 2024 & 2025) – Lesley Sebol
- Past President – Nancy Kimber

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## **President's Letter**

*Pictures provided by Nancy Kimber*

One of my challenges as President has been thinking of interesting topics to write about. From listening to our wonderful speakers, and doing every field trip possible, I learn more every month and have a great time doing it. But I still don't have the mineralogical background that many of you have, so I've used a different strategy in writing my articles. I hope you've enjoyed my light-hearted ramblings on current events as they relate in some way (sometimes with serious mental gymnastics) to what we all love, minerals!

So, on that note... It's time to see some Holiday themed specimens! I've tried really hard to stick with mineral and geology related topics, but this is my last article as President, and this group of fossils screams Holiday, so I am bending my rule a bit.

This track is a *Grallator tenuis* imprint (trace fossil). It was made by a small, three-toed, bipedal, theropod dinosaur, around 201.3 – 174.1 million years ago, in what is now Massachusetts. Later, around 165 – 150 million years ago, began the evolutionary process that led to birds as we know and love them today.

*Holiday Track – Grallator tenuis – Early Jurassic, Portland Formation, 201.3 - 174.1 mya – Amherst, Massachusetts*

Part of that process included the bird that gave us this cute little feather, around 53.5 – 48.5 million years ago, in what is now Wyoming. So, if you're going to have turkey (or goose or duck or chicken) for your Holiday dinner, just think, the creature that provided your yummy entrée was related to a *Tyrannosaurus rex*! And, if you will be cooking some cranberry sauce to go along with your bird, be inspired by this teeny tiny berry (sorry no scale, but it is about 1.5 mm), encased in Baltic amber. Finally, when you're ready to decorate, here's a lovely little pine cone to get you into the Holiday spirit! Reference, and if you'd like to learn more: <https://en.wikipedia.org/wiki/Grallator>.

We had a busy meeting in November. First, we heard from James Hagadorn, PhD, Tim & Kathryn Ryan Curator of Geology at Denver Museum of Nature & Science. He taught us about the Lyons Sandstone Formation, which was formed about 280 million years ago in the Permian Period, from compressed sand dunes. Lyons Sandstone is commonly used in landscaping and sometimes even in homebuilding! Close to our own homes in the Denver area, is our beloved Red Rocks, which is the somewhat older Fountain Formation, around 300 million years. Next, we held our annual competitions. Thank you to everyone who participated, and congratulations to our winners! We had such great participation this year that I had a tough time choosing the best specimens. Kent Havens won Best \$20 Specimen with a beautiful Barite. We had a tie for Best Any Price Specimen – I guess everyone else had a tough time choosing, too! Lesley Sebol won with a stunning Rhodochrosite, and Larry Havens also won with a gorgeous Pyrite on Calcite. It will be a few more days until we hear who won the Odiorne Award. But the competition was epic, so it's worth the wait! Finally, we voted on our 2024 officers. By a show of hands, the complete slate of nominees was approved. Thank you to Kim Straith and Pam Schmidt for running the election. Congratulations to our 2024 officers: President, Kollin Olsen; Vice President, Nancy Kimber; President Elect, Johny Reyes; Secretary, Larry Havens; Treasurer, Lynette Warren; Trustee, Chuck Borawa; and Trustee, Lesley Sebol. The club is in good hands. And many, many thanks to our long-time Vice President and Membership Chair, Ian Duncanson. Enjoy your LGMC Board "retirement"!

Our extracurricular groups continue. In November, the Faceters and Cabbers group discussed "tourmaline". The next topic will be "red and green", with a CAD software demo. The Mineral Study group just started studying field identification techniques. It appears to be a very popular topic as they had their best attendance in several months! Everyone is welcome at these extra meetings. You don't have to be an expert, just willing to learn. Please join us if you can! Same venue as our regular meetings (although in one of the small back rooms).

Faceters and Cabbers group: December 19, 2023, 7:00 pm

Mineral Study group: December 27, 2023, 7:00 pm

To cap off the year, our December meeting will be our annual Holiday Party! It will feature all your favorite activities, including a pot-luck dinner and chili cook-off, Santa Claus (parents, please bring a gift if you'd like Santa to give it to your child), Odiorne and chili cook-off competition winners, a fund raiser item, and door prizes including fun center pieces. Additionally, as a thank you to our venue Saint Philip Lutheran Church, we ask that you bring canned food or other items to donate. Please see further down in this newsletter for the list of other items requested. Please note, the party will start at 6:30pm, which is an hour earlier than our usual meetings.

Throughout the year, I've made it a point to thank our many volunteers. Their work is crucial to our club, but often goes unseen. I still have several left to do, and this article is getting a bit lengthy (sorry, Lesley!), so I will try to keep this short. Thank you to our fearless website administrators, Gus Hansen and Gail Tracy. Gus started the year, and then handed it off to Gail. Gail protects our website from nefarious mischief and keeps it up and running (which includes solving 2 major outages this past summer). Our Facebook administrators changed this year as well. Thank you to Brittany MacRostie and Craig Nash, who took over early this year. Craig is working to increase interest with new content, so watch this (Facebook) space! Several people combined to keep us fed, feeling welcome and encouraged, and educated this year – Anne Jenkins and Barbara Ray coordinate our refreshments, Susan Duncanson handles hospitality, Lynette Warren sends Sunshine cards, and Mary Davis curates our book collection. Thank you, ladies! We wouldn't be the unique club that we are today without our Memorial Trees and our Harris Park club claims – thank you to Ron Wankner and Charlie Wall for taking care of these wonderful LGMC assets. Thank you to Lesley Sebol, Lynette Warren, and Larry Havens, who are our representatives to the Denver Council, the Denver Gem & Mineral Show Committee, and the RMFMS & AFMS organizations, respectively. We can't grow as a club if no one knows about us! This newsletter you're reading now, would not be possible without the endless work of our newsletter editor, Lesley Sebol. She collects our articles and photos and, at least 10 times a year, edits, formats, and presents them to us in our much-loved Highlites. Thank you, Lesley! Another pair of volunteers is Tami Blum and Lynette Warren, who combined to plan our speakers this year. Tami started the year, and then handed it off to Lynette. Thanks to their efforts, we've enjoyed, and learned from, multiple high-quality speakers. Thank you, Tami and Lynette! I am very much looking forward to next years' topics.

I've already mentioned Lynette Warren several times, but... I'm still not done with thanking her for everything she does for the club. If I didn't mention it throughout the year, or above, it is probably being done by Lynette. Because we didn't have a club President in 2022, she filled [the majority of] that role for much of the year. She coordinates our facilities usage (contracts, payment, communication, door locks, projector equipment) with two different venues. She files our boring but necessary legal paperwork. She organizes the "Name That Rock" feature that we've had so much fun with this year. I know there's more. Thank you, Lynette, for your tireless work in support of LGMC.

I hope you've enjoyed my "Colorful Rock of the Month". Like the Faceters and Cabbers, for December I have to go with red and green for this festive time. The emeralds came home from Tucson with me earlier this year, and the fluorescent specimen was a give-away rock during the recent Denver Gem & Mineral Show.

*Trapiche Emeralds – Muzo Region, La Mina Gratis, Colombia*

*Williamite (green) & Calcite with Manganese(red), Franklin, NJ*

Lastly, I want to express my gratitude to everyone who has helped me along in my LGMC journey. I've learned something from every speaker and from every field trip leader. I've taken wonderful mineral hunting vacations and made life-long friends. I've even won some competitions and presented a few exhibit cases! When I joined LGMC in December 2015, I never expected that I would enjoy mineral collecting so much. Many of you know that I started this adventure with my younger son Nick. For his sake, I wanted to get involved with groups that offered field trips. I found that, and so much more, with LGMC. I like to think, Nick introduced me to fossils, and I introduced him to gems and minerals. Now, my older son James has joined the club. He likes precious metals, so, who knows where that might lead me next!



Oh, and one last thing – Don't forget to renew your membership!

Nancy Kimber

2023 President, Littleton Gem and Mineral Club (LGMC)

NKK9960@hotmail.com

(303) 807-8919

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## Thanks from Lynette Warren

I would like to thank **James Hagadorn of the Denver Museum of Nature and Science** who gave a presentation on the Lyons Formation at our November LGMC meeting. James's research imparted a wealth of information, providing an interesting insight to the Lyons and other formations of the region.

While at the meeting, he mentioned that if anyone in the club would like to receive his department's annual newsletter, just send him a request to his email address, [james.hagadorn@dmns.org](mailto:james.hagadorn@dmns.org). In their end-of-year newsletter they usually announce their free monthly lecture series, which might be of interest to club members or others with earth science interests. Also, there were a few folks at the meeting who wanted to know the url for his Sixty Seconds of Science videos... one of which is released every Friday on YouTube at <https://tinyurl.com/4c49bj74>

Thanks again to James for providing our club with a wonderful November Program. We appreciate all his efforts.

Lynette Warren

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## To All LGMC Members re: 2024 Field Trips

First, I want to thank everyone who helped with planning, organizing, and leading numerous field trips in 2023. There was no way I could have provided field trips for club members without your contributions. I realize it's still a few months

away, but I want to notify everyone that similar help is needed again for 2024 (and in the future) if the LGMC wants to continue having great field trip to attend.

I want to have a joint Zoom meeting with all interested people, like the one held last March/April, to discuss a list of trips for 2024. Last year, there was an extremely encouraging outpouring of support, and I know it will be the same this coming year.

Please give some thought as to how you can help, including getting involved with any old, or new, field trips you would like to help with. I will be making this request again in the coming months, to keep it fresh on everyone's agenda. Again, experience doing this is great, but not at all essential. There were lots of first-timers last year, and they all did great.

Thanks in advance.

Jim Hooten  
Field Trip Coordinator

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## Winners of the Best Mineral from the Sept. shows

**Best \$20 & Under specimen from Denver Gem & Mineral Show (winner) Kent**

Havens – Barite



**Best Over \$20 specimen from Denver Gem & Mineral Show - (co-winners – it was a tie)**

Larry Havens – Pyrite on Calcite (China)

Lesley Sebol – Rhodochrosite (Sweet Home Mine, Alma, Colorado)



**Odiorne Award competition results:** The winning vote-getter from the Odiorne Award competition, held at the November 2023 Club Meeting, will be announced at the December Meeting. The winner will receive a commemorative patch; a \$50 winner's check; and the book "Colorado Amazonstone", authored by Tom Odiorne, to keep for the upcoming year, and sign, along with other previous winners.

If any of the members who entered this contest at the November Meeting can make it to the December Holiday Meeting, please bring your entered specimen to display again for the Club members to view. Be sure to have a label with a description of the entry and location where it was collected.

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## Faceters and Cabbers News

The Faceters and Cabbers group will meet on December 19th, the third Tuesday, at 7:00pm, in our usual room at the church. There will be an email reminder for those on the email list before the meeting.

We will share our work. The group decided to suggest "Red and Green" as the December discussion material. Bring some of your work, thoughts, photos, or questions to share. The projector will again be set up to show photos on our phones.

There will also be a demonstration of using some features of faceting CAD software. Emphasis will be on modifying faceting diagrams to better match the dopped rough shape and optimizing designs for different RIs (refractive index).

If you would like to be added to our Faceters and Cabbers email list for an email reminder, or need directions, let me know at [jkleber@att.net](mailto:jkleber@att.net).

Co-Chairs John Kleber & John Revis.

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## Mineral Study Group

Mineral Study Group meetings are held on the last Wednesday of the month starting at 7:00pm at the St. Philips Lutheran Church. The next meeting is December 27th. We use the same meeting room as our Faceters & Cabbers Group.

The November meeting had 11 attendees and it included brief presentations by Lynette and Carol on their adopted minerals. Thanks to all who helped increase our attendance and participation.

Richard Parsons led the meeting, discussed future meeting topic organization, and had free physical property testing kits to hand out for those who were not at the prior meeting. For those who needed them, scratch plates were made available by Lesley for member purchase, to reimburse their purchase by her. These were added to the test kit.



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## Grab Bag News Update



If you have any minerals or sewn grab bags to contribute, bring them to a meeting or contact us: John Kleber, at [jkleber@att.net](mailto:jkleber@att.net), or Cuck Borawa, at [chuck6436@gmail.com](mailto:chuck6436@gmail.com), or Lynette Warren at [flywithle123@comcast.net](mailto:flywithle123@comcast.net).

With all the planned December meeting activities, we will not bring specimens and supplies to the December meeting. We will be back with them in January. If you want to bring back bagged minerals, we will be ready to accept them at the meeting.

John Kleber  
The Bag Beggar

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## Geology Corner

### Jade

*[Editor's note - Jade is two different minerals, Nephrite and Jadeite.]*

**Formula:** Nephrite:  $\text{Ca}_2(\text{Mg,Fe})_5\text{Si}_8\text{O}_{22}(\text{OH})_2$  Jadeite:  $\text{NaAlSi}_2\text{O}_6$

**Color:** White, Blue, Red, Green, Yellow, Orange, Brown, Pink, Purple, Gray, Black, Banded, Multicolored

**Luster:** Waxy, Vitreous



**Cleavage:** None

**Fracture:** Splintery

**Refractive index:** 1.600 to 1.688

**Hardness:** 6.0 – 7.0 (Jadeite); 6.0 – 6.5 (Nephrite)

**Specific Gravity:** 2.90 to 3.38

**Crystal System:** Monoclinic

**Habit:** Intergrown grainy or fine fibrous aggregate

**Chemical Classification:** Silicate

**Naming:** In 1863 that French mineralogist Alexis Damour determined that what was referred to as "jade" was one of two different minerals, either nephrite or jadeite. The English word jade is derived from the Spanish term piedra de ijada or 'loin stone', from its reputed efficacy in curing ailments of the loins and kidneys. Nephrite is derived from lapis nephriticus, a Latin translation of the Spanish piedra de ijada.

**Occurrence:** Jadeite is formed by regional metamorphism and occurs in lenticular masses or veins and is also found as alluvial pebbles and uneven boulders. Nephrite occurs in both contact and regionally metamorphosed iron and magnesium-rich rocks.

Nephrite can be found in a creamy white variety (known in China as "mutton fat" jade) as well as in a variety of light green colors; whereas, jadeite shows more color variations, including blue, brown, red, black, dark green, lavender and white. Of the two, jadeite is rarer, documented in fewer than 12 places worldwide. Translucent emerald-green jadeite is the most prized variety, both historically and today.

The main deposits of Jadeite are in Myanmar (Burma); other deposits are in China (Tibet), Russia, Kazakhstan, Guatemala, and the U.S. (California). Nephrite Jade comes from China, Russia, Brazil, Canada, and the United States (Wyoming, Alaska, and California). Canada provides the major share of modern lapidary nephrite.

**Use:** Both nephrite and jadeite were used from prehistoric periods for hardstone carving. Jadeite has about the same hardness as quartz, while nephrite is slightly softer and so can be worked with quartz or garnet sand and polished with bamboo or even ground jade. However, nephrite is tougher and more resistant to breakage. Among the earliest known jade artifacts excavated from prehistoric sites are simple ornaments with bead, button, and tubular shapes. Additionally, jade was used for adze heads, knives, and other weapons, which can be delicately shaped.

As metal-working technologies became available, the beauty of jade made it valuable for ornaments and decorative objects.

Jade is most often polished into cabochons and beads, and is used in bracelets, necklaces, rings, and earrings. Ornamental figures, especially animals and Buddhas, have traditionally been carved from Jade. Jade is also carved into ornate engraved pendants and cameos. Rings and bracelets are sometimes carved out of an entire mass of Jade.

The best way to care for jade is by cleaning it with mild soap and warm water, using a soft cloth to dry it immediately after washing. Avoid any exposure to hard blows, or any type of chemicals.

**Odd Properties:** Nephrite consists of mostly massive microcrystalline to cryptocrystalline felted amphiboles of the tremolite - actinolite series. It has an interlocking fibrous matrix of the calcium, magnesium-iron rich amphibole mineral series Tremolite (calcium-magnesium)-ferroactinolite (calcium-magnesium-iron). The middle member of this series with an intermediate composition is called actinolite (the silky fibrous mineral form is one form of asbestos). The higher the iron content, the greener the color. Tremolite occurs in metamorphosed dolomitic limestones and Actinolite in metamorphic greenschists/glaucophane schists.

Jadeite is a sodium- and aluminum-rich pyroxene. This, the more precious kind of jade is a microcrystalline interlocking growth of crystals (not a fibrous matrix as nephrite is.) It only occurs in metamorphic rocks.

**Treatment and Synthesis:** Jade may be enhanced (sometimes called "stabilized"). Some merchants will refer to these as grades, but the degree of enhancement is different from color and texture quality. In other words, Type A jadeite is not enhanced but can have poor color and texture. There are three main methods of enhancement, sometimes referred to as the ABC Treatment System:

- Type A jadeite has not been treated in any way except surface waxing.
- Type B treatment involves exposing a promising but stained piece of jadeite to chemical bleaches and/or acids and impregnating it with a clear polymer resin. This results in a significant improvement of transparency and color of the material. Currently, infrared spectroscopy is the most accurate test for the detection of polymer in jadeite.
- Type C jade has been artificially stained or dyed. The effects are somewhat uncontrollable and may result in a dull brown. In any case, translucency is usually lost.
- B+C jade is a combination of B and C: it has been both impregnated and artificially stained.
- Type D jade refers to a composite stone such as a doublet comprising a jade top with a plastic or resin backing.
- Simulants: Saussurite is used as jade substitute (for carving) - Blue Chart Gem Identification. There are many imitations made from glass and plastic. Glued triplets and colorations in order to improve the color value are known.

The color of Jade is usually natural, although some stones may be artificially dyed to a deeper green color. Beeswax and synthetic lubricants are sometimes used to fill microscopic surface pores within a Jade as well as enhance surface luster.

**Cultural Significance:** The Chinese, Mayas, Aztecs, and the Maoris of New Zealand have long prized the stone for its use in jewelry, and carvings of sacred religious figures. In antiquity it was used for axe heads, spear points, daggers, and sacred knives in pagan religious ceremonies. The Spanish conquistadores adopted the use of jade when they invaded Central America and called jade piedra de hijada (loin stone) or piedra de los rinones (kidney stone), believing it prevented or cured ailments in those areas.

**Safety:** No information on health risks for this group of minerals was found, but the fibrous nature of nephrite makes one think of treating lapidary activities as one would treat working with actinolite, a form of asbestos. You should always treat mineral specimens with care.

There are many beliefs in jade's healing influences- especially in healing ailments of the eyes, nervous system, and organs, especially the kidneys. It used to be worn in amulets over the kidney area, as well as on the arm. Jade is the stone given in celebration of the 12th, 30th, and 35th anniversaries of marriage. \_\_\_\_\_

Sources: Wikipedia; minerals.net; mindat.org; Simon & Schuster's "Guide to Gems and Precious Stones"; Simon & Schuster's "Guide to Rocks and Minerals"; jewelsforme.com; "Love is in the Earth" by Melody 9/21/20

– JJK

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## Upcoming LGMC and Earth Science Events

**Dec 8-10: Rocks & Rails**, consisting of the Flatirons Mineral Club 2022 Annual Rock and Mineral Show AND the Boulder Model Railroad Club 45<sup>th</sup> Annual Model Railroad Exposition, held at the Boulder County Fairgrounds Main Exhibit Building, 9595 Nelson Rd., Longmont; Fri-Sun 10-5, Adults, \$8 admission, Seniors over 60 \$5 children 12 and under free.

**Dec 15: LGMC Holiday Party (see page 1)**

**Dec 19: Faceters and Cabbers group meeting**

**Dec 27: Mineral Study group meeting**

**Jan 19: LGMC meeting (will have a talk on Lithium)**

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## General Club Announcements

**Moving?** Change of Address, Email or Phone Number?

Please notify **Ian Duncanson** of any changes at [idunc@q.com](mailto:idunc@q.com) or 303-798-9174. For email address changes, please also email [editor.lgmc@gmail.com](mailto:editor.lgmc@gmail.com)

**Club Vests:** Show your club support at the meetings and other events! **Ian Duncanson** has club vests available for sale. Price includes vest, sewed on club patch (on back) and a club pin

\$18 for small and medium sizes

\$19 for large and X-large sizes

\$20 for XX-large and XXX-large

**Sunshine Cards:** *Do you know someone who could use some sunshine?* Nobody knows everybody. If you know of a club member or family who is having a health problem or other problem, and who could be encouraged by receiving a thinking-of-you card, please let us know so that we may encourage them. Send a note to our sunshine coordinator and let her know, **Lynette Warren**, [flywithle123@comcast.net](mailto:flywithle123@comcast.net).

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Thanks to everyone who contributed to the newsletter! Don't forget to send in your own field trip reports with photos. Email them to [editor.lgmc@gmail.com](mailto:editor.lgmc@gmail.com). Make sure to label each photo with the trip and who is in the photo. If you did not take the photo, add that info also so proper credit can be given. ~ Lesley



## Like us on FaceBook

LIKE and FOLLOW us @LittletonGemAndMineralClub

## LGMC Website

Please check out the new "Member" section of the website! We'll archive Newsletters, share photos, and get details of upcoming field trips. To view the "Member" section, you must register as a member of the website: <https://littletongemandmineralclub.com/register/>

As only LGMC members will have access to this material, we'll be checking your name against the current club roster, so if you haven't yet, reach out to Ian Duncanson to pay your 2024 dues!

Thanks, Gus

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## Its Dues Time Again

### 2024 Membership Dues

Imagine....awesome field trips, general meetings, parties, picnics, incredible rock & mineral displays and even getting free rocks!! Dues are only \$20!!

Don't delay!!! Send your 2024 dues to:

LITTLETON GEM AND MINERAL CLUB  
P.O. BOX 283  
LITTLETON, COLORADO 80160

# LGMC dues for 2024

Please bring the following form to the next meeting with your \$20 check:

Name(s) \_\_\_\_\_

Dues payment (\$20) \_\_\_\_\_ Renewal

Email address: \_\_\_\_\_

P.O. Box 283, Littleton, CO 80160

Established 1960 <http://www.littleongemandmineralclub.com/>

## ☞ 2023 Board of Trustees ☞

President	<i>Nancy Kimber</i>	303-807-8919
Vice President and Membership Chairman	<i>Ian Duncanson</i>	303-798-9174
Secretary	<i>Larry Havens</i>	303-757-6577
Treasurer	<i>Lynette Warren</i>	303-956-4634
President elect	<i>Kollin Olsen</i>	303-507-6760
Program Chairman	<i>Lynette Warren</i>	303-956-4634
Field Trip Chairman	<i>Jim Hooten</i>	303-770-7177
Highlites Newsletter Editor	<i>Lesley Sebol</i>	720-999-1372
Trustee (Year of 2023 as past President)	<i>Vacant</i>	
Trustee (2-year term 2022 & 2023)	<i>Lesley Sebol</i>	720-999-1372
Trustee (2-year term 2023 & 2024)	<i>Chuck Borowa</i>	704-953-3632

## ☞ Chairpersons & Appointed Officers ☞

Sunshine Chairperson	<i>Lynette Warren</i>	303-956-4634
Refreshments	<i>Barbara Ray</i>	303-730-7696
Librarian	<i>Mary Davis</i>	303-680-5112
Historian	<i>Gail Tracy</i>	720-495-0533
Facebook Editor	<i>Craig Nash</i>	303-495-0903
Hospitality	<i>Susan Duncanson</i>	303-798-9174
Grab Bags	<i>John Kleber, Chuck Borowa</i>	J: 720-851-8510

Web Administrator	<i>Gail Tracy</i>	720-495-0533
RMFMS & AFMS Representative	<i>Larry Havens</i>	303-757-6577
Denver Council Representative	<i>Lesley Sebol</i>	720-999-1372
Show Committee Representative	<i>Lynette Warren</i>	303-956-4634
Cabbers & Faceters Group	<i>John Kleber, John Revis</i>	720-851-8510
Mineral Study Group	<i>Lesley Sebol/Richard Parsons</i>	L: 720-999-1372

**Meetings:** The Littleton Gem & Mineral Club meets the third Friday of each month, September through May, at the St Philip Lutheran Church, 7531 S. Kendall Blvd, Littleton, CO 80128. Doors open at 7:00 p.m. and the meetings begin at 7:30 p.m. All meetings are open to the public. Club and section meetings may deviate from their regular schedules due to holidays, shows, inclement weather, pandemic, etc.

The Littleton Gem and Mineral Club is affiliated with the American Federation of Mineralogical Societies, The Rocky Mountain Federation of Mineralogical Societies, The Colorado Federation of Gem and Mineral Societies, and the Greater Denver Area Gem and Mineral Council.

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# HighLites

LITTLETON GEM & MINERAL CLUB



HARRIS PARK AMAZONITE & SMOKY QUARTZ

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P.O. Box 283  
Littleton, Colorado 80160

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