

Littleton Gem and Mineral Club

May 2020 Newsletter.



May Program:

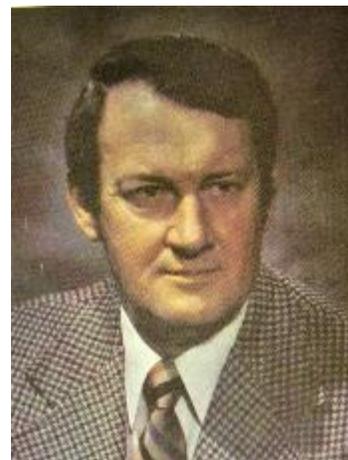
Time and Place: Meeting Cancelled

Presidents Message

May 2020

Our May Field Trip and Founder's Day meeting is typically one of our most popular and well attended events of the year. We'll have to forgo all the hoopla and cake this year, but we still want to celebrate our founders and longtime members. LGMC has a long-standing tradition of honoring our members and this year is no different. I want to recognize the members who have built this club from the small group that started meeting in 1960. Our club has a long history of honoring members by planting a Memorial Tree in their names at the Littleton City Center. Plaques with the member names (5 per tree) and a tree location map are located inside the Littleton City Center. We also have 14 lifetime memberships currently that have been awarded to long standing, active members who have dedicated themselves to building and supporting LGMC. Lists of our memorialized and lifetime members are provided below in the newsletter. Thank you to all current and past members for your contributions to making LGMC a fun and great club!

Jim Hooten has been diligently developing a plan for field trips once the State and County Executive Orders are eased. Jim's plan is presented later in the newsletter. This may be a challenging year to find that amazing specimen to win our highly esteemed Odiorne Award since our collecting opportunities may be limited. For new members, the Odiorne Award is named after LGMC life member and former president Tom Odiorne. The award is presented annually to the best field collected specimen as voted by the membership. Tom's passion was hunting for amazonite and he was instrumental in establishing our first club claim at Harris Park in 1972. My favorite fact about Tom is that he considered April Fool's Day his personal national holiday.



Tom Odiorne

A few updates on other activities that our officers and Board are working on:

- Brittany MacRostie is our new Program Chairperson. I'll be helping Brittany get up to speed and explore programs and activities that we can offer to our members. Brittany and her husband, Danny, are new members and she brings a lot of positive, creative energy to the role.
- John Kleber plans to host some Cabbers & Factors via Zoom meetings while we are social distancing. This is a good opportunity for members to explore topics that the group learns and what they do. Contact John to learn more about joining the meeting.
- Gus Hansen is updating our website and has created a Members Only section. Be sure to register and set up your account. We are posting the newsletter in the Members Only section. Gus is also working with Jim Hooten to set up Field Trip sign-up sheets there. Gus is also working on several other initiatives to improve our website and make it more useful for our members. Great job Gus!
- The Board is working on the annual Silent and Verbal Auction that we plan to hold in October. Lynette Warren has done a great job getting us organized and is exploring alternatives in the event we can't have our auction at Heritage United Methodist Church.

We will continue to monitor the COVID-19 situation and Executive Orders and adjust our plans as the situation evolves. In the meantime, we will continue to explore ways that we can improve how we can provide opportunities for our members to socialize and interact. *Stay Positive. Stay Active. Stay Healthy. We will get back to digging!*

Ron Wankner, President LGMC

Selected upcoming LGMC and Earth Science Events

Cancelled

LGMC May Meeting,

May 21 **Faceters and Cabbers** - The Faceters and Cabbers group will experiment with a Zoom group meeting for our regular May meeting on Tuesday, May 21st, at 7:30. We will not be meeting in person as we observe Social Distancing requirements now in place. If you would like to join our group, and are not on our email list, contact me at jkleber@att.net.

Grab Bag News

May Grab Bag News

Please note we will not be having a Grab Bag Sewing Party this year. If you have cloth material and would like to make some bags at home, we have a Word document that was put together a few years ago to help with instructions and pictures. Please contact Lynette Warren at flywithle123@comcast.net or 303-956-4634 so we can get it emailed to you. We would welcome any that you can make during our confinement.



If you have any specimens at home to donate for grab bags, but need supplies such as zip bags or labels, send email to me, John Kleber, at jkleber@att.net or call me at 720-851-8510 and I will make some arrangements to get supplies to you. I do not have any specimens ready to pass out, but I can get some from storage, prep them with labels and zip bags, and could get them to you, if you would like. Just let me know. All contact with proper social distancing consideration!

The Bag Party Lady and the Bag Beggar
Lynette Warren and John Kleber

Current Lifetime Members

John Ake	Betty Hurlbut	Keith & Maxine Sheel
Regina Aumente	Florence Lesser	Chauncey & Sandy Walden
Lou & Diana Conti	Bill & Cynthia Mahnken	Eunice & Sheldon York
Larry Havens	Beverly McKinney	Bob & Ruth Zartman
Jim & Anne Hooten	Pete Modreski	

Memorial Tree list can be found on page 10

Denver Gem & Mineral Show Mini Report May 2020

The Denver Gem & Mineral Show is planned for September 18 - 20, 2020 at the Denver Mart, 451 E. 58th Avenue. The theme this year is fabulous fluorite! The Show Chair is George Daggett, who can be reached at geoddaggett@hotmail.com or 303-453-9651. George is always available for talking with club members regarding ideas about the show.

At the current time as everyone knows Covid-19 is impacting all of our lives. As of this writing Colorado is under a "safer at home" directive from our Governor. There is much uncertainty about the course of this pandemic. The Show Committee is closely monitoring the situation but is also continuing to plan that the show will take place in September as usual. Dealers, speakers and exhibitors are being confirmed for the show. Although clubs are not meeting, it is hoped that volunteers continue to be signed up to help at the show. For current information regarding the show, please contact your club representative. Here are the names and contact information for them: Colorado Mineral Society - Amber Brenzikofer 720-480-5234 or amberbrenzikofer@gmail.com; Flatirons Mineral Club - Gerry Naugle 303-591-2830 or gnaugle@earthlink.net; Friends of Mineralogy - Larry Havens 303-757-6577 or lwrnchavens@comcast.net; Denver Gem & Mineral Guild - Kathy Honda 303-315-7749 or katherine.honda@ucdenver.edu; Littleton Gem & Mineral Club - Lynette Warren 303-956-4634 or flywithle123@comcast.net; North Jeffco Gem & Mineral Club, Inc. - Ron Knoshaug 303-423-2923 or jrknoshaug@comcast.net; Mile Hi Rock and Mineral Society - Judy Knoshaug 303-423-2923 or jrknoshaug@comcast.net; Western Interior Paleontological Society - Nancy Kimber 303-470-6491 or nkk9960@hotmail.com.

Please remember that the show has so much to offer all of us. The opportunity to fully immerse ourselves in this wonderful hobby of rocks, minerals, fossils, and gems. There will be fantastic and colorful displays of the finest fluorite from renowned collectors, unusual and incredible specimens from the dealers, informative talks by notable speakers, experiences and laughter shared with friends, a visual extravaganza in the Fluorescent Room (fluorite is a fluorescent mineral), and so much more.

Hopefully there will still be opportunities for us all to go out this summer to collect and explore a little. But please stay safe, support and encourage each other so that when this is over, we will be able to gather again in friendship and hobby adventures.

Here are some pictures of fluorite to inspire you.

Respectfully submitted, Judy Knoshaug, Show Secretary



Field Trip News

FIELD TRIPS PLAN OF ACTION

Although everyone is anxious to get out in the field to hunt for minerals, at the present time it is recommended that we all follow the CDPHE (Colorado Department of Public Health and Environment) Guidelines that are currently in place, relative to the COVID-19 situation---namely, no travel for recreational purposes more than 10 miles from your place of residence; and no public gatherings of groups exceeding 10 people. When these distance and group-size restrictions are lifted, the **Littleton Gem and Mineral Club** will have in place a list of Field Trips in which Club Members can participate. These will be trips to some of our popular Club collecting areas, typically within 1-3 hours from Denver. If there are still some limitations on group size, the rule of “first come first served” will apply. Once the trip is announced (via email), the names of responders will be listed in the order of response. Any names listed, beyond the acceptable number of participants, will be maintained on the list in their respective order of response, and added to the trip in the event of any cancellations. The trips will be announced one at a time, and each trip will have a designated Trip Leader who will have Waiver Forms for people to sign, and instructions for people to follow.



This protocol will be followed according to the guidelines in place for local counties, as well as for the State of Colorado. If any county has guidelines that restrict any non-essential visitors to their county, then those rules will take precedence over any State rules. Hopefully, County and State rules will coincide. We'll see.

Again, this system is being put in place for when the current limitations are relaxed or removed. As to when this will occur is anybody's guess, but I know it will occur. In the meantime, please continue to be patient and understanding. I, along with all of you, look forward to when things resume to some degree of normalcy. It may be a 'new normal', but it's bound to be better than what's currently going on.

Thanks to everyone for your cooperation. Stay healthy and stay safe.

Jim Hooten, LGMC Field Trip Coordinator, jahooten@msn.com

Geology Corner

Rockhounding Colorado: Rocks, Gems and Minerals and Where to Find Them!

Colorado remains an incredible state in many respects, as far as the rockhound is concerned, it is top notch. Starting with the rich gold and silver deposits which were the starting point of so many Colorado towns, the state continues to impress with its geologic diversity. With over 770 types of minerals to be found throughout the state, it is second only to California in number of different gems and minerals statewide.

While the state is most famous for its rich silver and gold mines, Colorado is also host to dizzying array of rocks and minerals. Some of the higher profile include: extensive dinosaur fossils, petrified wood, amazonite and smoky quartz crystals, meteorites, jasper, rhodochrosite, fluorite, and beryl crystals such as aquamarine; just to name a small selection.



Colorado can certainly be considered a rock-hounder and gem hunter's dream. The vast mountains of public lands, while daunting to some, illicit a newfound sense of exploration and discovery for others. Much of the specific site information of Colorado is kept within tight knit communities, though if you are willing to get dirty, you have good odds at discovery small honey holes of crystals, gems, and other exciting minerals across "Colorful Colorado."

Colorado Rocks and Minerals

Now let's take a closer look and profile some of the more interesting rocks, gems, and minerals found across the state. One of these is sure to spark your interest and sense of adventure.

-Petrified Wood-



Petrified wood, counter intuitive to its name, is actually a fossil. It is formed by the displacement of a decaying piece of wood buried beneath sediment, by percolating groundwater that replaces the organic materials with different minerals. The end result is a mineralized fossil that is representative of the original woody material, often preserving the finest details of the bark, growth rings, and cellular structure. Some are so representative that people would be fooled into thinking it is actually a piece of wood, until lifting the piece upon discovering its abnormally dense mass.

Petrified wood can be found in many scattered locations across the western U.S., with some of the best specimens remaining protected within Petrified Forest National Park in the neighboring state of Arizona. In Colorado, its distribution can be isolated and patchy, though we touch on a location outside of Kremmling Colorado in the next section below where you can find some yourself.

-Aquamarine-

None other than the state gemstone of the wonderful state of Colorado, this brilliant clear blue crystal can often take a bit of an adventure to find. Found primarily on a few mountain ranges in central Colorado, it brings daring prospectors to elevations up to 14,000 feet to prospect their claim during a short summer season, high above the protection of tree line. Take a look below to find a spot to go try your luck, Mt. Antero.

Aquamarine is the birthstone of March, in ancient Roman culture, they were believed to have come from the caskets of sirens, washed ashore from the depths of the sea. They were considered sacred to Neptune, Roman god of the sea. Aquamarine is also considered to be a universal symbol of youth, hope, and happiness. In Colorado, on the high mountain peaks, beautiful long blue crystals over 10 inches in length have been known to be found.



-Rhodochrosite-



Brilliant gem quality deep red Rhodochrosite is one of Colorado's most valuable minerals. Being once a discarded byproduct by early silver miners, it has now become one of the most sought after and valuable minerals in Colorado. Specimens that contain wonderful soft pink colors often broken by concentric white bands are polish to produce desirable gemstones. The crystal formations, however, are much rarer and thus are incredibly valuable to be incorporated into jewelry most often.

Due to the valuable nature of Rhodochrosite, much of the mineral claims are privately owned and thus closed to public collecting. With a bit of local insight, you may be able to turn up some areas to dig. However, if you are looking for another avenue to maybe find a piece of rhodochrosite, stay vigilant on the search for old silver mine dumps where you may be able to find some discarded rhodochrosite. Being the state mineral of "Colorful Colorado", finding a quality piece of this beautiful gem yourself will give it an invaluable personal weight. However, many other people out there are keen on finding this rare and valuable mineral as well.

-Topaz-

Topaz is a relatively common gemstone found worldwide, maintaining it as a less expensive, though still brilliant, gemstone. Some of the largest gemstones ever cut have been large pieces of topaz. This gemstone is commonly associated with granitic or rhyolitic formations. In Colorado, the majority of the topaz has come from the Pikes Peak area, a historic gold mining region.



Topaz can be found in a wide variety of colors. From crystal clear, to pale blue. Burnt orange to pink. Its overall larger sizes, variety of colors, and affordable price make it a popular stone on the market. However, while rough specimens are very common. Jewelry quality specimens are often rarer. Finding seams in granitic formations where other gems and crystals can be found is the best bet at finding some. Particularly in the mountains around Pikes Peak. Additionally, in the Pikes Peak area, some prospectors have luck finding specimens in creek bed cobble.



-Gold-

“There’s still gold in them hills!” Despite early miners flocking to Colorado by the tens of thousands and pulling nearly their weight out in gold, they didn’t get it all. In the late 1800’s, prospectors first struck gold along Clear Creek near Central City. With the influx of miners and prospectors into the state, it wasn’t long before the rich deposits of the San Juan Mountains were discovered, leading to the modern-day towns such as Breckenridge, Creed, Telluride, Ouray, and Cripple Creek.

To this day, enthusiasts can still collect gold specimens themselves around the state, just don’t expect to strike it rich. Such an example is the South Platte River through the town of Fairplay, where for a small fee, you can pan for gold in the river and

likely expect to find some gold flakes. For the adventurous, hiking the mountains of Colorado with a gold pan can incite a nostalgia of the old days and maybe turn up some specimens.

-Amazonite and Smoky Quartz-

Amazonite is a unique Colorado of limited global occurrence. It was previously obtained nearly exclusively from a single area in the granitic Ilmen Mountains of Russia. Though in recent decades, more high-quality crystals have continued to be turned up in Colorado, primarily from the Pike’s Peak area. Here the beautiful blue crystal formations, their shape being somewhat unique to Colorado, are found associated with Smoky Quartz Crystals in coarse granite or pegmatite.

Smoky Quartz, particularly those found in association with Amazonite, are deep gray to black quartz crystals with proper shape and termination. The contrast of the turquoise amazonite against the depth of the black smoky quartz on a single specimen is what makes it such a desirable find.



-Fossils-



Colorado through the years has continued to produce a diversity of high quality and important fossil specimens for museums and collectors worldwide. Dinosaur fossils discovered in Colorado represent a diversity of dinosaur groups from all three periods of the Mesozoic Era.

Near Canon City, some of the oldest known vertebrate fossils have been uncovered as well.

Though Colorado has been onslaugth with over a century of collecting, important fossil discoveries continue to pop up here. Insects and invertebrates are perhaps some of the most common fossils to be found in Colorado and represent the best likelihood for rockhounding enthusiasts to get out and find fossils. Places like the Florissant Fossil Quarry, which we discuss below, offers visitors a near guarantee in at least finding some sort of fossil specimen of their own.

Where to Go Rockhounding In Colorado

Despite the abundant diversity of gems, minerals, and rocks across Colorado, much of the good rockhounding exists off publication and can be kept hush hush. Additionally, much of the quality areas are under private claim. Regardless, here are a few sites to get you started rock-hounding in Colorado. Just remember, there is so much more out there if you just do a little research and exploration. But first, check out these Colorado rockhounding locations.

1. Mt. Antero



For the hardy adventurous soul in good physical condition, the riches to be found high on the exposed slopes of Mt. Antero and neighboring peaks are amongst the world's third highest elevation gem field. Rare Aquamarine, smoky quartz, topaz, and fluorite are a few of the specimens you may encounter on these 12,000 - 14,000-foot talus slopes. The minerals are often encased in cavities and pegmatites in the granite.

Collecting here is no easy task and the season is incredibly short. Summer storms also make lightning strike on these exposed slopes an ever-present threat even on bluebird days. To access this area, take the Mt. Antero Road, which

slow due to the extremely rough road and many extreme switchbacks. It should be attempted only in a high clearance, 4WD vehicle. Making this trip and climbing to the summit in a day leaves little time for collecting. Plan on an early start. Carry emergency supplies and proper clothing. Sudden, dramatic weather changes and thunderstorms are common. Get off the summit in the event of a storm. Collecting on Mt. Antero is for the brave, fit, and hardy.

2. Florissant Fossil Quarry

For those looking for the excitement and satisfaction of splitting open shale rock to reveal any number of interesting insects, invertebrates, or plants; preserved beautifully upon flat rock frames, check out the town of Florissant. While there is some chance of public lands collecting in the area, most people end up at the inexpensive Florissant Fossil Quarry to dig and split shale.



For a small fee, collectors have access to a certain amount of material to process for fossils. The overwhelming majority within this formation are plant-related fossils, though insect fossil discoveries are always in the prospects. If you are in the area and want to see more interesting stuff, try visiting the Florissant Fossil Beds National Monument to see some even cooler finds. Just leave your rock pick in the vehicle.

3. Lake George Amazonite and Smoky Quartz

Though much of the good prospecting in this area is on private property or on current mining claims, the adjacent National Forests can be a spot for rock-hounders to find Amazonite and Smoky Quartz among other minerals and crystals. Pegmatite, a gem bearing granitic formation, is an associated rock you will want to keep an eye out for. Excavating sites of proper soil and rock composition will be your best bet, so get into the weeds and do some research.

4. River Gold Panning

Despite millions of ounces of gold being pulled from the rivers, streams, and mountainsides of Colorado; the vast majority of gold is still locked deep in hard rock deposits or diffuse in the form of fine gold dust and flakes throughout the flowing waters of the state. Gold detecting metal detectors that are extra sensitive are a commonly used method for gold prospectors in Colorado.



Careful panning technique in some of the flowing water around the state can be a good method for getting your eyes locked on some shiny gold flakes. Some newer equipment allows prospectors to retain even fine specimens of gold. Try concentrating your sampling efforts on tight inside bends where the eddy effect may allow for more gold to build up over time. Also try taking soil/rock samples from cracks or hidden depressions in bedrock. If you want to try your hand at some gold panning, check out some of these creeks and rivers around the state.

- Animas River near Durango
- Plata River
- Uncomphagre River near Ouray
- South Platte River near Fairplay

5. Kremmling Petrified Wood

East of the town of Kremmling, enthusiasts have access and regulated collection of petrified wood on BLM managed public lands. A few miles north on County Road 2 accessed via Hwy 40. The areas on the east side of County Road two are the public access BLM owned lands open to collection. Nicknamed the Badlands of Colorado, thousands of years of erosion have reduced the colorful sandstone formations to rolling grassy hills. In this area, the best bet is to simply walk around and look for surface exposed pieces of petrified wood on chalky sandy soils. Having a pick or small shovel handy will help to get down to a larger piece of you happen to find one.



Final Thoughts

For the adventurous rock-hounder, the mountains and plains of Colorado are still a place ripe with the smell of discovery. It is easy to see that this state is host to a staggering and diverse array of gems, minerals, and fossils that make it such a fantastic destination for rock enthusiasts and commercial mining operations.

While this guide should give you a good idea on how to start rock-hounding the beautiful state of Colorado, the real devil is in the details. If you want to be successful in finding some of the rarer and more desired specimens, such as gems and crystals, you are going to have to do your homework.

Research organizations such as the U.S. Geologic Survey and other science-based agencies with an interest in geology often publish detailed geologic and soil maps which can pay dividends in discovering your own secret honey-hole. Even still, for the slightly less adventurous, many easy access and pay-to-dig sites offer users of all types an opportunity. Good luck out there and stay safe in the wild and beautiful lands of Colorado.

Reference: <https://www.rockseeker.com/rockhounding-colorado/>

Wire Wrapping Tutorial

Susan Gardner of Perfectly Twisted Jewelry is offering free online video tutorial projects on her website and blog.

<https://www.perfectlytwistedjewelry.com/free-tutorials.html>

<https://www.perfectlytwistedjewelry.com/blog/category/free-tutorials>



What are you working on?

Send us what you are doing and we will include it in next month's newsletter.

Jacobstammy80@gmail.com

Club Announcements

Moving? Change of Address, Email or Phone Number? Ready to go paperless?

Please notify **Ian Duncanson** of any changes at idunc@q.com or 303-798-9174.

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

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.



Like us on FaceBook

LIKE and FOLLOW us
@LittletonGemAndMineralClub

LGMC Website

Our website has been updated!

Please check out the new "Member" section of the website! We'll archive Newsletters, share photos, and get details of upcoming field trips. We're also exploring possibilities to use the website for electronic field trip signups.

To view the "Member" section, you must register as a member of the website:

<https://littleongemandmineralclub.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 2020 dues!

Thanks,
Gus

Thanks to everyone who contributed to the newsletter! ~Tammy

Littleton Gem & Mineral Club Member Memorial Trees (Planted @ Littleton Center)

Tree No.	Tree Type	Member Honored	Tree No.	Tree Type	Member Honored
18	Golden Raintree	Harold Hanson Roger Hart Milo Sheets Nell Wooley	47	Northern Red Oak	Jean Reeves Carlita Grun Otto Grun Annabelle McGraw George Williams
20	Greenspire Linden	Jack Youngkin Ginger Dunn Ruth Eaton Martha Meston Tony Ronzio	55	Shademaster Honeylocust	Mildred Reeves Sean Brockman Isabel Fridinger Frank Knaus Katherine Outlaw Betsy Grey
23	Autumn Purple Ash	Margret Davis Betty Leittl Jeanne Younkin Dorothy Edson Rev. Muriel Michaels	61	Red Horsechestnut	Bill Heiny Tom Odiorne Kathy Havens Caroline Stouffer Donna Chirnside
28	Autumn Purple Ash	Charles Outlaw Roberta Ronzio Gil Rodriguez Harold Gordon Muriel Colburn	64	Western Catalpa	Ann Odiorne Jim Lannon Ed Gray Judith Stevenson Keith English
33	Swamp White Oak	Jack Trenkle Chloe Trenkle Stan Sorenson Pete Petry Jim Craig	65	Japanese Pagoda	Richard Weller Clarene Weller Joe Tauer Bill Hayward Christopher Hayward
34	Swamp White Oak	Bernard Michaels Glenn Allen Yvonne Weller James Watchus George Howard	67	Hackberry	Nolan Moody Helen Moody Hal Brewer Robert Troxell Jerry Davidson
37	Eastern Redbud	Phyllis Gilbert Dick Pool Ruth Howard Dr. Carl Zink Harland Richards	70	Fort McNair Horsechestnut	Mildred Brewer Annie Kirk Betty Watchous Virginia Weller Lee McKinney
43	Kentucky Coffeetree	Jean Stephens Sue Knaus Dorothy Zink Vickie Armijo Howard Backman	71	London Planetree	Les Erb Louise Erb Velma Richards James Hurlbut Dave Weller
44	Littleleaf Linden	Art Fridinger Mark Basham L.M. Drake Morey Lesser Al Jarvis	TBD	TBD	Alice Ake Nell Troxell Annette North Duane VanVleet
			-	-	

☞ 2020 Board of Trustees ☞

President	<i>Ron Wankner</i>	303-618-5549
Vice President and Membership Chairman	<i>Ian Duncanson</i>	303-798-9174
Secretary	<i>Larry Havens</i>	303-757-6577
Treasurer	<i>Lesley Sebol</i>	720-999-1372
President elect	<i>Ron Wankner</i>	303-618-5549
Program Chairman	<i>Brittany MacRostie</i>	630-699-2415
Field Trip Chairman	<i>Jim Hooten</i>	303-770-7177
Highlites Newsletter Editor	<i>Tammy Jacobs</i>	303-680-8830
Trustee (Year of 2019 as past President)	<i>Travis Leach</i>	303-887-9787
Trustee (2 year term 2019 & 2020)	<i>Lynette Warren</i>	303-956-4634
Trustee (2 year term 2018 & 2020)	<i>Charlie Wall</i>	303-933-0368

☞ Chairpersons & Appointed Officers ☞

Sunshine Chairperson	<i>Lynette Warren</i>	303-956-4634
Refreshments	<i>Anne Jenkins</i>	303-730-7696
Librarian	<i>Mary Davis</i>	303-680-5112
Historian	<i>Open</i>	
Facebook Editor	<i>Nicole Bolger</i>	720 344-5280
Hospitality	<i>Nick North</i>	303-840-1177
Grab Bags	<i>John Kleber</i>	720-851-8510
Web Administrator	<i>Gus Hansen</i>	480-489-3978
Show Committee Representative	<i>Lynette Warren</i>	303-956-4634
RMFMS & AFMS Representative	<i>Larry Havens</i>	303-757-6577
Denver Council Representative	<i>Nick North</i>	303-840-1177
Cabbers & Faceters Group	<i>John Revis</i>	720-569-6685
“ “	<i>John Kleber</i>	720-851-8510
Mineral Study Group	<i>Bob Zartman & Nick North</i>	303-973-0405

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, 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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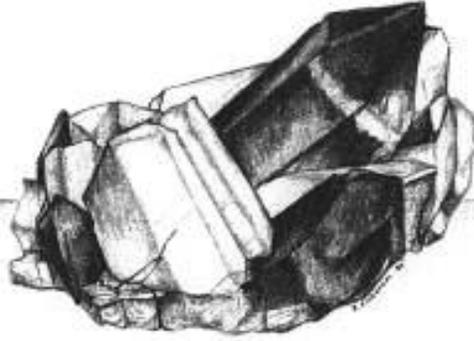
****The deadline for submissions is the 1st Friday of each month.** Please send your material by email to jacobstammy80@gmail.com.

Advertising Rates: \$50 / Full Page. \$30 / Half Page. \$20 / Quarter Page.



HighLites

LITTLETON GEM & MINERAL CLUB



HARRIS PARK AMAZONITE & SMOKY QUARTZ

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Littleton, Colorado 80160

FIRST CLASS MAIL

