

Littleton Gem and Mineral Club

February 2019 Newsletter.

LGMC February Meeting! Will be Friday, Feb 15th, at 7:30PM.



Letter from the President

What a great first meeting of 2019! I really enjoyed seeing everyone talking, asking questions and sharing stories around the displays. There was a lot of energy buzzing in the room. Thanks to our Cabbing & Faceting Group, Mineral Study Group and Randy Kokkinen for sharing their beautiful rocks, minerals, gems and work. The Facebook posts of the displays were such a big hit that we had a huge increase in the number of people interested in our page. I encourage everyone to view and follow the club's page which provides useful information about the club, group meetings and events. We can use our page to share information about our club, photos, experience, and knowledge. Sharing our information and experiences will broaden our member's knowledge and the club's audience. Thanks to past president Travis Leach for making this a priority and Stacey Lestina for getting us started.

February means a month of shows and exhibits at the world's largest gem and mineral show being held in Tucson, Arizona. The main Tucson Gem & Mineral Show is hosted by the Tucson Gem & Mineral Society which was established in 1946 and started as a small group that was interested in the hobby of mineral collecting and lapidary. The Society's intent from the start was to further the knowledge and appreciation for a hobby that was just beginning to grow. There are many other side shows during the month of February where vendors from around the globe occasionally bring new minerals that people can view for the first time. Some of our members make the annual pilgrimage to Tucson and are lucky enough to find that special specimen to add to their collection. If visited any of the shows and found one that you couldn't resist, bring it to the meeting and show us. We'd love to see it and hear the stories of your trip!

Ron Wankner - President, Littleton Gem & Mineral Club

Denver Gem & Mineral Show Mini Report February 2019

Year Two thousand nineteen
Is sure to be keen!
Join the Show Committee Now
So you can say "Wow!"
I'm proud that I helped with the Show!"

Yep, that's right! The Show Committee needs your help. There are many jobs on the committee. In alphabetical order, these are: Admissions, Badges, Buildings & Grounds, Club Liaison, Database, Dealers, Door Prizes, Exhibits, Facebook, Fluorescent Room, Grab Bags, Historian, Hospitality Room, Information, Judging, Operation Procedures, Poster, Publicity, Ribbons, Saturday Evening Event, Schools, Security, Set Up, Show Pin, Speakers, Tear Down, Treasurer, Trophies, Volunteers, and Website. That's 40 different areas of responsibility. And each of these is supposed to have an assistant. So that represents a lot of members from the clubs. The committee needs more persons from the clubs to join and help out with these responsibilities. A new committee member does not need to take a major responsibility immediately. He or she may serve as a member at large until they decide which area suits their talents best. Other experienced people on the committee will help you get started in whatever area you decide upon. Talk to your club representative about joining the committee. Tag along with him or her to a meeting. We would warmly welcome you. Look over the list above and see if one of these appeals to you. Each one has a written job description and people to help you get started.

Right now there are a couple of positions needing to be filled. Since George Daggett has assumed the Show Chair position, his former position of Grab Bag, Poster and Pin sales needs to be filled. George and his assistant, Mike Morian, can help you work into this easier and fun position, mostly selling grab bags to kids for \$1. Another position is Tear Down. This is organizing the disassembling and preparation of all show equipment for storage. Again, you do not do this by yourself. There is a list of others who always help. The current Treasurer is finding it necessary to step down and needs to be replaced. The show uses Quick Books software to manage the show's finances. The current Treasurer will assist you to understand and handle the show's finances.

A photography workshop is being planned for this year's show. The workshop would focus on photography of fluorescent minerals and feature experienced photographers Jeff Scovil, Michael Bainbridge, and possibly Brian Walko. It should be very interesting.

Don't forget the Denver Gem & Mineral Show, September 13 - 15, 2019. The theme this year is Minerals of Canada. The location is the Denver Mart, 451 E. 58th Avenue, Denver 80216 (I-25 and 58th Avenue, Exit 215 on I-25). The Show Chair is George Daggett, who can be reached at 303-453-9651 or geoddaggett@hotmail.com. George is a member of the Denver Gem & Mineral Guild. George would welcome your input regarding the show.

Respectfully submitted, Judy Knoshaug, Show Secretary

Attention Club Members:

The Denver Gem and Mineral Show will be coming up soon this fall. The dates are September 13-15, 2019, located at the Denver Merchandise Mart, 451 E. 58th Ave., (exit 215 on I-25).

The show is run by volunteers and it takes lots of volunteers to put on the show. There are many easy jobs available and if you work at least 4 hours, your admission into the show is free on all three days. Below is a list of volunteer opportunities and a description of the jobs.

We will be sending around a sign-up sheet at the meetings through May. The sign-up sheets will be forwarded onto the chair person in the fall. The chair person will get in touch with you as we get closer to the show date. For more information, please contact the chair person in charge of that area of interest to you. Many of you are new members to the club, this is an excellent opportunity to see, learn, and become part of the show.

Lynette Warren, Club Rep.

Denver Gem and Mineral Show Jobs:

We need help!! The following is a list of jobs that need volunteers. Read them over and sign up for the job(s) that you would like to do. This show is all volunteers. No one is paid. Please come by and join us. You can meet new people and receive free admission by volunteering. Sign-up sheets will be available at your club meetings. The chair person for each committee is listed. Call or email if you have questions about the job.

WORK ANYWHERE: Check this box if you want to volunteer but are not sure what you want to do. The different committee chairpersons will contact you to talk about how you can help.

CLUB BOOTH: Your own club will have a booth and will need to have someone demonstrating or answering questions. You can recruit new members this way. See your club chairman for details of what your club is planning.

SECURITY: Chair Amber Brenzikofer, 720-480-5234 or amberbrenzikofer@gmail.com. The main job is to patrol the show floor and the parking lots. Security t-shirts and walkie-talkies are provided. Security volunteers do not attempt to apprehend suspected shoplifters, but radio back to the security head. Volunteers are asked for 4-hour shifts at a time. Other security at the show is provided by the Mart and contracted by the Show Committee.

CLERKS TO ASSIST JUDGING: Chair Larry Havens 303-757-6577 or lwrnchavens@comcast.net. Clerks are needed to assist with judging during the show. These individuals must be willing to work with a team of judges throughout Friday and be able to neatly and accurately record judge's comments. This is a good place to learn first-hand the rules and protocol of judging.

HOSPITALITY: Chairs Kevin and KC Larsen, 303-429-6976 or mail@klarsens.net. Need volunteers every day to serve coffee and tea, donuts and snacks to the volunteers and dealers.

GRAB BAGS, PINS, POSTERS SALES AREA: Chair George Daggett, 303-453-9651 or geoddaggett@hotmail.com. This job is sales of grab bags, posters, and pins and is fun because you work mostly with kids. Many volunteers are needed on Friday morning when the school children are at the show.

ADMISSIONS: Chair Kathy Honda 303-556-4498 or email katherine.honda@ucdenver.edu. These are sitting jobs for hand-stampers, ticket-takers and ticket-sellers (need cash handling experience making change and working fast when the crowds arrive).

EXHIBITS : Chair Larry Havens 303-757-6577 or lwrnchavens@comcast.net. Volunteers are needed Thursday to assist the exhibitors as they register and set up their cases. Help is needed in cleaning the glass window in the cases each day for fingerprints, etc.

DEALER CHECK IN: Regina Aumente 505-867-0423 or raumente@aol.com. Workers needed Thursday through Sunday. Minimal Typing required.

VOLUNTEER CHECK IN: Chair Anita Colin 720-556-9889 or anitacolin@hotmail.com. Job is Wednesday through Sunday, checking in volunteers and giving out badges. This is a sitting job.

SHOW SET UP: Linda Burns, 303-263-0391 or burns.henley@gmail.com. Volunteers are needed to set up Wednesday from about 9:00 a.m. until the setup is finished. We will be cutting plastic, skirting tables, assembling exhibit cases, etc.

SHOW TAKE DOWN: Chair Dan Wray 303-922-9905 or Daniel.Wray@comcast.net. Volunteers are needed Sunday after 5 p.m. Strip tables, take down cases, pack away risers, cases, etc.

SCHOOLS: Chair Judy Knoshaug 303-423-2923 or jrknoshaug@comcast.net. Help with the school kids, give them a brief talk about the show, and guide them into the show entrance, Friday morning from about 8:30 a.m. to noon.

DGMS Littleton Club Booth News:

If you have stopped by the club booth over the last years you have seen that we have been giving away tumble polished rocks to kids. This has always been very popular with kids, adults and booth workers. It offers a chance to talk to visitors about our club.

I think we are about to run out of rocks for that give away!

I estimate that we have just about enough rocks for the 2019 show, but we could run out early. There are some very small rocks at the bottom of the box, but they seem too small for that give away and most are destined for grab bags, especially the indeterminate green ones!

So, if you have a tumbler and some rocks, please think about polishing some this winter to donate to the club booth free rock give away.

John Kleber

Grab Bag News Update:

Thanks to Nancy Kimber for the donation of specimens and cloth bags for our grab bags at our January meeting.

Thanks for your continuing support of the Club's grab bag efforts. Keep up the great work in 2019 and keep those rocks coming.

I'll see you at the sewing party that Lynette Warren is organizing! I'll miss a few Club meetings because of my winter travels, so contact me by email if you have donations.

John Kleber The Bag Begger



Sewing Party News **The LGMC is planning our Sixth Annual Grab Bag Sewing Party!**

Sign up at the general meeting, mark your calendar and tune up your sewing machine and get ready for fun.

Lynette Warren and John Kleber have offered to host the sewing party this spring to make our cloth grab bags and fill specimen bags. We are planning the party at Lynette's house on Saturday, March 30th, 2019, from 10:00am to 5:00pm.

We could use any fabric pieces you may have around, as we are running low on previous donations. All pieces have to be at least 8"x20" and the larger the pieces, the better.

As before, we have other things to do besides sewing. We have cloth to iron and cut, grab bags to string, and John Kleber will bring rock specimens to be bagged and labeled (of course, some high grading is allowed).

Please remember to bring a pot luck dish to share with everyone.

After all the work is done we refresh and feast on pot luck goodies, so bring your favorite food to share. We will fire up the grill and provide hot dogs, hamburgers and brats or if you have something else you wish to cook, please bring it.

We will have a sign-up sheet at the next meeting, or you can just give us a call if you can attend. Also, if you have any specimen or cloth donations, please bring them to the party or to our LGMC meetings. They are greatly appreciated.

Keep your sewing machines oiled and see you in March!

For info call John Kleber, 720-851-8510 or Lynette Warren 303-956-4634

Proposed New Mexico Field Trip

LGMC Members,

We are seeking level of interest in a pre-season, multiday field trip to the Socorro, NM area in April/May. Socorro, NM is approximately 7-1/2 hours south of Denver on I/25. The trip could include the Blanchard and Kelly Mines. If we have enough members interested, we will contact the mine owners to finalize the details and timing of the trip.



The Blanchard Mine in Bingham, NM has both surface and underground collecting for fluorite, barite, galena, linarite, anglesite and other minerals. We may have the opportunity for a limited number of people to be escorted underground to collect. **PERSONS GOING UNDERGROUND DO SO AT THEIR OWN RISK.** Hard hats, headlamps, eye protection and steel toe boots will be mandatory for persons going underground. Recommended underground tools include crack hammer, chisels, crow bars and other tools for rock wall mining. Bring plenty of water, sunscreen, and insect repellent.

The Kelly Mine is in Magdalena, NM. It is best known for its specimens of Smithsonite and up to 80 other minerals. It has been greatly picked over, but a lucky hunter can still find some nice specimens. The mine is located on the outskirts of Magdalena in the ghost town of Kelly. There is a \$10-15 per person fee to access the Kelly Mine property.

High clearance vehicles are recommended to access the sites and 4WD is required for the last half mile up to the collecting areas.

If you are interested, respond to Jim Hooten and Ron Wankner. Our contact information is:

Jim Hooten- jahooten@msn.com

Ron Wankner- rwankner@msn.com

Some interesting information on the Kelly Mine. This is one of the mines that we may be visiting on the trip.

THE KELLY MINE HISTORY & SMITHSONITE

The Kelly Mine is world famous for its smithsonite specimens. The mine produced smithsonite specimens of such fine quality, a translucent and gemmy electric blue color, that they have never been surpassed. The color ranges from white, yellow, gray, brown, amethyst, light apple-green to blue -green to brilliant sky-blue. The smithsonite usually forms as botryoidal crusts and can be as much as 13 cm thick and 45 cm across. Some specimens are so beautiful that they have been fashioned into jewelry. However, it is soft, measuring 5 on the Mohs hardness scale and not very durable for jewelry.

In the spring of 1866, after Civil War service with the Union Army, Colonel John S. Hutchason discovered promising lead, zinc and silver ore deposits amid west-central New Mexico's Magdalena Mountains. "Old Hutch," as he came to be known, staked claim to the Juanita and Graphic mines and sold a third claim to friend Patrick H. Kelley.

When Kelley registered his claim, a clerical misspelling recorded it as the Kelly Mine. He also owned a sawmill, which left little time for him to focus on mining. In the early 1870s, when Kelley failed to do the required annual assessment, Hutchason jumped the claim.

In those early years miners had to smelt ore in adobe or brick kilns before transporting the metal—a laborious and inefficient process. Thus Hutchason sold the Graphic and Kelly mines in the mid-1870s, the latter ultimately passing to Gustav Billing for \$40,000.

By the end of the decade other prospectors drawn to the district had established a settlement they named Kelly after the most prosperous mine. Opening its post office in 1883, the little town grew to include several stores, two banks, three churches and the inevitable saloons. Two schools educated the children, while a movie house provided a modicum of entertainment. Two hotels offered rooms, some in shifts to accommodate miners. During its turn-of-the-century peak Kelly boasted close to 3,000 residents.

In 1882–83 Billing, ever the entrepreneur constructed a smelter near Socorro, about 25 miles east of the mines at Kelly. That year an edition of the *Socorro Bullion* noted, “Two hundred wagons are engaged in hauling ore from Kelly mine to the Billing smelter.”

In early 1885 the Atchison, Topeka & Santa Fe Railroad completed a spur line to the new town of Magdalena, three miles north of the district, and began shipping out both ore and livestock from local ranches. Due to the steep grade, pack mules carried the ore from the mines to Magdalena until completion of a spur to Kelly.

In the search for lead, zinc and silver, the mine operations deposited mounds of tailings about the district. Among the discards was a strange, bluish-green rock that intrigued Socorro mining engineer T. Cory Brown around the turn of the 19th century. The sample he sent away for testing proved to be a zinc carbonate called smithsonite, used at the time for pigments in paints and much prized by collectors for its beauty. Brown and partner J.B. Fitch promptly leased the Graphic for its tailings.

In 1904 Brown and Fitch sold the Graphic to the Sherwin Williams Co., and Billing sold the Kelly to the TriBullion Mining and Smelting Co. Mining continued until the Great Depression. By 1931 most of the smithsonite had been extracted, the supply depleting as rapidly as demand for it decreased. Folks began to move away, and by 1945 the dwindling population forced closure of the post office.

Departing residents dismantled many of the buildings in Kelly, using the materials to rebuild in Magdalena, Socorro and nearby camps. Only St. John the Baptist Catholic Church remains intact. The headframe Billing had ordered from New York’s Carnegie Steel Works back in 1906 stands as the lone sentinel of the towns’ mining heyday. It straddles a vertical shaft that plunges more than 1,000 feet. Approach with care, as all that prevents anyone from plummeting to his death is some loosely strung wire around the hole. Belowground are some 30 miles of tunnels. Those wishing to visit the district can obtain a free pass at the rock shop in Magdalena in-route to Kelly. Although railroad crews long ago took up the tracks laid to haul the ore, the old cattle and sheep pens remain, speaking to Kelly’s past as a livestock transshipment point.

Mindat.org lists 56 minerals from the Kelly Mine. Since only the dumps are accessible for prospecting and have been dug for years by enthusiastic treasure seekers, specimens are most likely to be small to micro size. Species most likely to be found are aurichalcite, azurite, barite, calcite, cerussite, hemimorphite, malachite, pyrite, quartz, rosasite and smithsonite.

Reference: Gibbs, Ronald B. (1989), "The Magdalena District, Kelly, New Mexico". *Mineralogical Record*, Volume 20, Number 1, 13-24: Les Kruger (2017), "Wild West Magazine", 2017



Photo: Socorro County Historical Society

Selected upcoming LGMC and Earth Science Events

Fri Feb 15th LGMC February Meeting, 7:30pm

February refreshments – Mel Whitcomb and Shelly and Charlie Wall. We can always use more if you would like to bring some.

We are still in need of volunteers to bring snacks for upcoming meetings, please sign up at the welcome table at the February meeting. Thank you!

Next month's refreshment volunteers are Carol Nielson-Alt

Minerals Study Group, No mineral Studies Group this month

Tue Feb 19th Faceters and Cabbers group will meet on Tuesday, February 19th, at 7:30PM at Columbine Hills Church. We will discuss the display case which was set up at the January meeting and other items. All Littleton members and guests are welcome to join us.



CAN WE BE FRIENDS?

Have you joined our club's Facebook group yet? Get social with the LGMC page and easily track upcoming meetings, special events, and club activities. Post pictures of your rock collections talk with other rockhounds and share your passion for gems & minerals with the world!

Join us at <https://m.facebook.com/LittletonGemMineralClub/> or tag us @LittletonGemMineralClub

see you on Facebook!

Nicole Bolger

LGMC Summary Minutes, Board Meeting

LGMC Summary Minutes Board Meeting, January 13, 2019

Location: Restaurant in Littleton – Old Board/New Board Meeting

Called to order at 2:08 pm by President Ron Wankner.

In Attendance: Ron Wankner, Travis Leach, Larry Havens, Lesley Sebol, Ian Duncanson, Nick North, Lynette Warren and Kollin Olsen.

Minutes of the October meeting were approved as published.

Treasurer's Report: Lesley reported the financial activity for the periods 11/1/18 to 11/30/18 and 12/1/18 to 12/31/2018. In addition, Lesley distributed the year end summary listing checks written for expenditures and deposits from dues and other revenue generators such as the auction, drawings and miscellaneous sources. For November the deposits were from dues and the mini-silent Auction at the Nov. meeting. Expenditures were primary auction seller proceeds. December revenues were from dues and proceeds from Holiday party drawings. Lesley paid our membership and insurance dues to the Rocky Mountain Federation of Mineralogical Societies in December.

Discussion posed the question, "Should we poll the membership to see if members favor the continued use of the party favors (table centerpieces)." Ron will possibly poll the members at the next general meeting. Lesley noted that it was time to update approved signees for our accounts. Secretary will generate the letter needed by the bank that names board members to be added or removed.

Motion to accept treasurer's report by Leach; second by North; motion carried.

Reminder: Any club member may ask the Secretary to see the treasurer's report at any regular club meeting.

Membership: Ian reported that, on average, 20 members are late in paying their dues: most eventually do. Membership is currently at 199 individuals comprising 102 family memberships and 14 life members.

Old Business: Ian reserved the south pavilion of Sterne's Park (our usual spot) for the annual picnic to be held Aug. 18th.

It was noted that Ian and Lesley have keys to the club post office box and that the box rental fee is due every 12/31.

New Business:

Programs: Stacey will continue as program planner.

Facebook will be managed by Nicole Bolger who is doing a great job.

Website – Kollin will continue to work on development. Planning of the website will be an agenda item for the next board meeting.

Show Committee – Lynette Warren (our rep. to the show comm,) asked for time at the Jan. meeting to begin recruiting volunteers for the show. In addition, she will explain the grab bag sewing party she will be hosting and recruit bodies for this as well.

Faceters/Cabbers: 3rd Tuesday of every month at the church.

Mineral Study Group: Meeting at Steve and Cheryl Cable's home, topic – minerals of Morocco.

Next Board Meeting: 2/18/19 at the church

Meeting adjourned 3:17 pm.

Respectfully submitted,
Larry Havens, Secretary

Upcoming Geology Events:

Calendar of Coming Events, 2019

Now through March 31: The Conifer Historical Society hosts a special exhibit on “**Mining in Jefferson County**” at Conifer’s “Little White School House” meeting place at 26951 Barkley Road, Conifer. The exhibit will be open (no admission charge; donations accepted) just one day a week, every Sunday from 11 a.m. to 3 p.m. Two special programs will be presented in conjunction with the exhibit; admission to each program will be \$8/\$10 for members/nonmembers:

Sun., Feb. 10, 1:00 p.m., How the 1859 Gold Rush put Colorado on the map, by Wes Brown

Sun. Mar. 10, 1:00 p.m., Frontier mining methods, by Ed Raines

In addition, there will be a special “**Bring your favorite rocks and minerals**” (and a School of Mines geology student will identify them) day, **Sunday, Feb. 17, 11 a.m. – 1 p.m.**; no charge to come.

For more information about the Historical Society and the exhibit, or to make reservations to attend the lectures, see <https://www.coniferhistoricalsociety.org/events/> .

Tues., Feb. 12, 7:00-9:00 p.m., WMMI Speakers' Bureau Lecture: "Mining High Grade Ore", presented by Calvin Johnson. “Calvin Johnson, with Gold Prospectors Of Colorado (GPOC), will give a presentation accounting his "Experience of a Lifetime" in the recovery of a quartz vein that assayed at 2281.7 ounces per ton containing crystalline (93.887 fine) gold wires. In layman's terms that equals \$2.8 million dollars per ton. The gold is in sugar quartz, which is very rare on its own. Calvin will have samples for all of us to gaze upon (sorry no touching). The samples are very fragile and some crystalline gold wire falls out when handled.” Western Museum of Mining & Industry, 225 North Gate Blvd. Colorado Springs, CO 80921 (In the museum library). RSVP to 719-488-0880 or email rsvp@wmmi.org. Fee \$5, free to WMMI members.

Fri.-Sat.-Sun., Feb. 22-24, Denver Gem & Mineral Guild Jewelry, Gem, and Mineral Show, Jefferson County Fair Grounds, 15200 W. 6th Ave., Golden, CO. Free parking & free admission; hours 10-6 Fri. & Sat., 10-5 Sun.

Thurs., Feb. 21, 7:00 p.m., Ken Balleweg (Consulting Geologist), “The Beulah marble: Ornamental stones of Colorado”, and Don McGurk (Rocky Mountain Map Society), “Geographies Unrealized, The Story of Four Cartographic Myths of North America.” Monthly meeting of the Colorado Scientific Society, Shepherd of the Hills Church, 11500 W. 20th Ave., Lakewood; all are welcome; social time & refreshments at 6:30, meeting at 7:00.

Thurs., Mar. 21, 7:00 p.m., “A Cook's Tour of Colorado's Glacial Landscape” by Dr. Vince Matthews. Monthly meeting of the Colorado Scientific Society, Shepherd of the Hills Church, 11500 W. 20th Ave., Lakewood; all are welcome.

Fri.-Sat.-Sun., Mar. 22-24, Fort Collins Gem & Mineral Show; at Thomas M. McKee Building, at The Ranch/Larimer County Fairgrounds, 5280 Arena Circle, Loveland, CO (I-25 exit 259); hours 4-8 Fri., 9-6 Sat., 10-5 Sun. Sponsored by the Fort Collins Rock hounds Club.

Sat.-Sun., Mar. 23-24, WIPS (Western Interior Paleontological Society) semi-annual Founders Symposium, “Lagerstätten: Exceptional Preservation, Extraordinary Fossils”. To be held at Lowry Conference Center, 1061 Akron Way, Denver. Two days of lectures, educational exhibits, displays of fossils, paleo art show and sale with over a dozen artists. **Colo. Sci. Soc. will have a display table at this Symposium—we are looking for CSS members to be at the table and talk to people!** (There is a registration fee to attend the symposium—none to just see the exhibit hall and/or to help staff the CSS table. Please contact one of the CSS officers, if you are interested in helping!) For full information on the Symposium, see https://www.westernpaleo.org/symposiums/2019_pages/about-2019.php .

Apr. 2-11, geologist Lew Kleinhans is leading a 9-Day Grand Canyon Geology float trip from April 2-11 which has between 5 and 10 spaces remaining. This is scheduled at a time few get to float the river and generally is more attractive to the more adventurous adventurers, owing to variable temperatures (generally between 55 and 85); i.e., great hiking, fishing, sleeping, and occasional swimming weather and lots of wildflowers. For more info, please contact Lew, lewis.oysterclub@gmail.com , or write to me (pmodreski@gmail.com) and I'll forward you a flier about the trip.

Fri.-Sat.-Sun., Apr. 12-14, Colorado Mineral and Fossil Spring Show, Crown Plaza Hotel /Convention Center, 15500 E 40th Ave., Denver, Colorado, 10-6 Fri. & Sat., 10-5 Sun., free parking & admission.

Sun., May 19, Friends of Mineralogy, Colorado Chapter, Silent (+Vocal) Auction. Noon to 4 p.m., Clements Community Center, 1580 Yarrow St., Lakewood CO. All are welcome to attend.

Fri.-Sat.-Sun., May 31-June 2, Pikes Peak Gem & Mineral Show, Norris-Penrose Event Center, 1045 Lower Gold Camp Road, Colorado Springs, CO 80905. Sponsored by the Colorado Springs Mineralogical Society.

For more lecture series during the year see:

Colorado Beer Talks (2nd Tuesday, 6-8 p.m.), Windy Saddle Café, 1110 Washington Avenue, Golden, “Golden’s grassroots version of TED talks, Expand your mind with a beer in your hand”, <http://goldenbeertalks.org/>

Colorado Café Scientifique in Denver, monthly lectures on science topics held either at Blake Street Station or Brooklyn’s, Denver; open to the public, no charge other than refreshments you may choose to purchase; see <http://cafescicolorado.org/> .

Colorado Scientific Society (3rd Thursday, 7 p.m.), see <http://coloscisoc.org/> . Meets at Shepherd of the Hills Church, 11500 W. 20th Ave., Lakewood CO, except when noted.

CU Geological Science Colloquium (Wednesdays, 4 p.m.) see <http://www.colorado.edu/geologicalsciences/colloquium>

CSU Dept. of Geoscience Seminars (Fridays, 4 p.m.), see <https://warnercnr.colostate.edu/geosciences/geosciences-seminar-series/>

Van Tuyl Lecture Series, Colorado School of Mines, (Thursdays, 4 p.m.): <https://geology.mines.edu/events-calendar/lectures/>

Denver Mining Club (Mondays, 11:30), see <http://www.denverminingclub.org/> .

Denver Museum of Nature and Science, Earth Science Colloquium series, 3:00-4:00 p.m., VIP Room unless noted, day of the week varies. Museum admission is not required; see <http://www.dmns.org/science/research/earth-sciences/>

Denver Region Exploration Geologists Society (DREGS; 1st Monday, 7 p.m.), <http://www.dregs.org/index.html>

Florissant Scientific Society (FSS); meets monthly in various Front Range locations for a lecture or field trip; meeting locations vary, normally on Sundays at noon; all interested persons are welcome to attend the meetings and trips; see <http://www.fss-co.org/> for details and schedules.

Nerd Night Denver is a theater-style evening featuring usually 3 short (20-minute) TED-style talks on science or related topics; held more-or-less monthly at the Oriental Theater, 4335 W. 44th Ave., Denver; drinks are available; for ages 18+. Admission is \$6 online in advance, \$10 at the door. See <https://www.nerdnitedenver.com/> .

Rocky Mountain Map Society (RMMS; Denver Public Library, Gates Room, 3rd Tuesday, 5:30 p.m.), <http://rmmaps.org/>

Western Interior Paleontological Society (WIPS); beginning January 2019, WIPS will meet on the 1st Monday of the month, 7 p.m., at Lowry Conference Center, 1061 Akron Way, Denver. See <http://westernpaleo.org/> .

Thank you to Pete Modreski for the information!

Club Announcements

Welcome New Members: *Jan Long and Stefanie Hughes*



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.

Do you know someone who could use some sunshine? Send a note to our sunshine coordinator and let her know, **Lynette Warren**, flywithle123@comcast.net or 303 956-4634.

Club Membership Dues

The annual membership dues are \$20.00 per family or individual per year and are due in January each year. **Ian Duncanson** will have a table setup at the Monthly meeting to renew membership dues or you can mail them in to LGMC P.O. Box 283, Littleton, CO 80123

Club Vests Show your club support at the meetings and other events! **Ian Duncanson** has club vests available for sale.

\$18 for small and medium sizes

\$19 for large and X-large sizes \$20 for XX-large and XXX-large
patch (on back) and a club pin

Price includes vest, sewed on club

Thanks to everyone who contributed to the newsletter! ~Tammy

LGMC dues for 2019

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

Name(s) _____

Dues payment (\$20) _____ **Renewal**

Email address: _____

☞ 2019 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>Kollin Olsen</i>	303-233-9492
Program Chairman	<i>Stacey Lestina</i>	303-241-6670
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 & 2019)	<i>Dan Lovitt</i>	303-791-3112
☞ Chairpersons & Appointed Officers ☞		
Trustee-at-Large	<i>Lou Conti</i>	303-797-3205
Trustee-at-Large	<i>Dale Gann</i>	720-981-5526
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>	
Photographer	<i>Open</i>	
"	<i>Open</i>	
Hospitality	<i>Nick North</i>	303-840-1177
Grab Bags	<i>John Kleber</i>	720-851-8510
Web Administrator	<i>Kollin Olsen</i>	303-233-9492
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 Columbine Hills Church, 9700 Old Coal Mine Avenue, Littleton, CO 80123. 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.

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