
Littleton Gem and Mineral Club

May 2019 Newsletter.



LGMC May Meeting! Will be Friday, May 17th, at 7:30PM.

May Program: Field Trips, and Founder's Recognition

Friday, May 17th, At the Columbine Hills Church,
9700 Old Coal Mine Avenue, Littleton, CO 80123.

Doors open at 7:00 p.m. and the meeting begins at **7:30 p.m.**

Jim Hooten will give us more information about the field trips described in the newsletter below. We can sign-up for the field trips we are interested in, so the trip leader can contact us if the details change. And we will recognize our Founders. And we will have a verbal auction for some fine specimens. And cake!

Letter from the President

It's finally here.....Field Trip Season! This year's field trips are announced in this newsletter and I'm excited to see what Jim Hooten has planned for us. I'm sure that some of our old favorite haunts are listed, as well as, several new sites. Since there are a lot of new members, I think it's important to remind everyone of the AFMS Code of Ethics and the LGMC Field Trip Rules & Decorum. Copies are attached for everyone's reference and safety. Jim will also briefly review these during our general meeting. Safety and protection of our members, claim owner's property and our natural environment are important to me and our founding members. When preparing for your field trips always review the trip descriptions carefully so that you bring the proper tools and are prepared for the weather, terrain and altitude. Plenty of water and sunscreen are necessities on every trip.

I wish everyone good luck in finding that special specimen to enter for our highly esteemed Odiorne Award. The Odiorne Award is named after LGMC life member and former President Tom Odiorne. It is awarded annually to the best field collected specimen as voted by the membership. The award is a "traveling" copy of Tom's book, **Colorado Amazonstone The Treasure of Crystal Peak**. Tom was a World War veteran and geologist whose passion was hunting for amazonite. He was instrumental in establishing our first club claim at Harris Park in 1972. Tom wasn't all work and no play. It's rumored that he considered April Fool's Day his personal national holiday.

In honor of Founder's Day, I want to recognize the members who have built this club from the small group that started meeting in 1960. We have fourteen lifetime memberships currently that have been awarded to long standing, active members who have dedicated themselves to building and supporting LGMC. Thank you for your contributions to making LGMC a great club. Our club also has a long history of honoring members who have passed, including Tom Odiorne, by planting a Memorial Tree with their name on a corresponding plaque at the Littleton City Center. Tom's tree is a red chestnut (Tree No. 61 as shown on the map at the Center). Listings of our lifetime and memorialized members are provided later in the newsletter.

Our club also has a long, unique history of honoring members who have passed, including Tom Odiorne, by planting a Memorial Tree in their names at the Littleton City Center. Tom's tree is a red chestnut (Tree No. 61). Plaques with the member names (5 per tree) and a tree location map are located inside the Littleton City Center. Lists of our lifetime and memorialized members are provided later in the newsletter.

Our May club meeting will be the last one until September so be sure to attend and honor past club members and sign up for the club digs. A few reminders before the long break:

- The club picnic will be August 18th at Sterne Park in Littleton. Bring your specimens to the Club Picnic for everyone to see and help us choose the best ones for our club prospector case at the Denver Gem & Mineral Show.
- Our September meeting (20th) will be at our **new meeting location**; St Philip Lutheran Church at 7531 S. Kendall Blvd, Littleton, 80128;
- Our **Silent Auction** will be on **October 19th** at the **new location**; Heritage United Methodist Church, 7077 S. Simms St., Littleton, 80127

I look forward to seeing everyone at our Field Trip & Founders Day club meeting. Until then I'm going to start planning my trips; checking my tools and; getting my truck ready for the season. Remember, having fun and camaraderie is as important as knowledge, hard work and good luck when you're rockhounding.

Have a fantastic digging season!

Ron Wankner

President LGMC

Club Booth News

Got (polished) Rocks?!

As mentioned in the last newsletter, we may be close to running out of those polished rocks to give away at the Club booth at the show!

As a reminder, if you have a tumbler and some rocks, please polish some rock to donate to the club booth free rock give away.

I will be at the May meeting and ready to receive any that you can contribute for the booth give away.

John Kleber

The 2019 Denver Gem and Mineral Show, September 13-15.

Expo-Hall, Denver Mart, 451 E 58th Ave, Denver

THE DENVER GEM & MINERAL SHOW WILL BE HERE SOON! The dates are September 13 - 15 and the venue is the usual Denver Mart, located at 451 E. 58th Avenue (I-25 & 58th, Exit 215). The theme is "Canada Unearthed". The Show Chair is George Daggett, 303-453-9651 or geoddaggett@hotmail.com. The show is always fabulous and we hope all the club members are looking forward to fully participate in all it has to offer.

The Greater Denver Area Gem and Mineral Council, composed of the eight local mineral and fossil clubs, is the legal owner and sponsor of the show. The Council is a non-profit organization under IRC Code Section 501(c)(3) and was formed: "for exhibition, exploration, experimentation, and education in the earth sciences; for the discovery, development, and preservation of minerals and mineral deposits; and for the advancement, encouragement, and utilization of the principle of art and craftsmanship as applied to gems and minerals". As a non-profit organization, the Council makes grants to other non-profits in furtherance of its mission. The Denver Gem & Mineral Show is the vehicle providing the funds for the grants. Since 1988, the Council has distributed more than \$500,000 back to the earth science community statewide. Just a few examples: grants were provided to help fund dinosaur track stabilization at Dinosaur Ridge, a paleontology program in preparation for Science Olympiad at Platt River Academy, mineral

storage cases for the Bessemer Historical Society Museum in Pueblo, and LED lighting of mineral displays at Hinsdale County Historical Museum. This is quite an accomplishment! But the show is so much more! Through its activities, the show fosters collection, serious study, exhibition, education, preservation, appreciation, specimen availability from dealers, and creating interest in the general public of minerals, gems and fossils. Many mineral and fossil specimens would never be seen if they were not on exhibit at the show. The show provides an event for local hobby enthusiasts to fully immerse themselves in the wonders of minerals, gems and fossils.

Grab Bags - Grab bags are those little cloth bags filled with 10 separately bagged mineral or fossil specimens sold primarily to kids for \$1. You may think that they are **no big deal** but you would be wrong! Club members spend countless hours collecting, cleaning, labeling, bagging, and assembling the cloth bags. Currently, each club provides 500 bags to the show annually. Now 500 times 10 equals 5,000 specimens that each club stuffs in those bags! I am acquainted with many of those specimens and I can tell you that some are excellent specimens. Just think, a grab bag may be the spark that ignites a lifelong interest in minerals and/or fossils for some child. Since 1968 grab bags have been a part of the show with an initial price of \$0.25. Over the years the price has increased to \$1. Since 1986 the proceeds from the grab bags have funded scholarships for students at the Colorado School of Mines. Since 1980, scholarship funds in excess of \$115,000 have been distributed. I think that is a big deal!

There are some vacant positions on the committee that need to be filled. Since George Daggett is now the Show Chair, a new Grab Bag Chair is needed. This is an easy job. Also needed are Treasurer Assistant, Door Prize Chair, Dealer Assistant, and Security Assistant. So why not join the Show Committee! It's not all work! You will meet new people and have new experiences in this hobby we all love. Contact George Daggett and come to our next meeting on Tuesday, May 7th.

The Denver Gem & Mineral Show is an exceptional event and one that every club member should be proud to volunteer for, support, and enjoy!

Respectfully submitted, Judy Knoshaug, Show Secretary

(Source for financial figures is *The Denver Gem & Mineral Show - A Retrospective*, pages 38-39, 102, and 128.)

Selected upcoming LGMC and Earth Science Events

Fri May 17th **LGMC Meeting, 7:30pm – Founders Day**

May refreshments – Nancy Kimber

We need several more members to volunteer to bring snacks

Faceters and Cabbers - Faceters and Cabbers group will meet on Tuesday, May 14th, at 7:30PM at Columbine Hills Church. We will share and discuss our creations and other items. All Littleton members and guests are welcome to join us. If you are planning to attend and not on our email list, send me an email at jkleber@att.net for any last minute updates such as, OMG, snow cancellations.

Junior Rockhounds



The topic of the May Meeting will be Section 8.2- Field Trip Planning. This is the 2nd requirement of three for completing the Field Trip badge. The meeting will occur during our Field Trip Sign-up and includes some homework for families to review the Field Trip list and discuss trips that best suit the junior rockhound's interest and skills. An agenda and attachments for summer activities (Section 8.3- Taking a Field Trip and Section 8.4- Field Trip Record Keeping) will be sent to the families prior to the meeting.

If your children or family want to join the LGMC Junior Rockhounds and receive the program materials send an email to rwankner@msn.com.

Upcoming Geology Events:

Calendar of Coming Events

Fri.-Sat., May 10-11, 9 a.m. – 4 p.m., “**Rock and Stone Sale**”, “Minerals, faceting rough; we have acquired too many rocks; fluorite, quartz, halite, petrified wood, topaz, obsidian, faceting rough, aquamarine, and lots more”. By 3 Colorado Springs area collectors; 5309 Flintridge Dr., Colorado Springs 80918; questions, contact fs_rosenberg@hotmail.com.

Sat., May 11, 10 a.m. – 4 p.m., “**Dan’s Used Rocks” Annual Open House and Clearance Sale**, at Dan Unruh’s home, 12296 W. Mississippi Ave., Lakewood. “Eliminating my non-thumb nail inventory; hundreds of specimens at 50%-75% off; numerous inexpensive flat lots with quantity discounts”. Email dansrocks@comcast.net, H 303-986-3647, C 303-437-9643.

Mon., May 13, 11:30 a.m. – 1:00 p.m., **The Belle Monte Iron Furnace, Marshall, Colo.**, by Beth Simmons and Bill Reich, at the weekly meeting of the Denver Mining Club. All welcome; at the Golden Corral Buffet, 3677 S. Santa Fe Dr., Sheridan (west side of Santa Fe Dr., south of Hampden). Purchase of lunch is required.

Tues., May 14, 7:30 p.m., Colorado Scientific Society annual Emmons Lecture, by **Dr. Mark Barton**, Univ. of Arizona, Lowell Institute for Mineral Resources, **Synthesis, serendipity, and an open mind: timely approaches to timeless challenges in mineral deposits**. To be held in the Ben H. Parker Student Center, CSM campus; all are invited to attend. This public presentation will take place in conjunction with a 2.5-day USGS-CSM joint Mineral Resources Forum.

Wed., May 15, 3:00 p.m., Denver Museum of Nature & Science, Earth Sciences Colloquium, “**Before there were ankylosaurs there were aetosaurs**”; Andy Heckert, Appalachian State Univ. In Studio 102/103 (not in VIP Room) DMNS; all are welcome, museum admission is not required.

Sun., May 19, Friends of Mineralogy, Colorado Chapter, Silent (+Vocal) Auction. Noon to 4 p.m. (setup begins at 11 a.m.), Clements Community Center, 1580 Yarrow St., Lakewood CO. All are welcome to attend.

Sun., May 19, 8:15 a.m. – 5:00 p.m., Colorado Scientific Society, Spring Field Trip, “**Denver Basin Geology and Its Rich Cultural, Mining, and Industrial History**”. Stops, all near Golden, will include the Magic Mountain paleo-Indian archeological site; the Chieftain clay mine; the sites of the White Ash and Loveland coal mines; and the Quaternary geology of Clear Creek. Led by Mark Mitchel (Paleocultural

Research Group), Jason McGraw (General Shale Brick Co.), Donna Anderson (Colorado School of Mines) and David Lindsey (USGS). Interested non-members are invited to join the CSS for this trip, if they pay a \$10 fee to join the trip. If you wish to come, please contact Cal Ruleman in advance, cruleman@usgs.gov, 303-236-7804; leave your name, email address, and cell phone number. The trip will meet and car pool from the west end of the Woolly Mammoth Rideshare Lot, on the south side of US-40, west of the I-70/US-40/Highway 93 interchange, exit 259 (meet at the Lariat Loop kiosk, at the west parking lot entrance opposite the Exxon gas station). For more info see <http://coloscisoc.org/>.

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. Hours: noon-7 pm Fri., 10-5 Sat, 10-4 Sun. Adult admission \$5.

Tues.-Wed.-Thur., June 4-6, Two rock and mineral + geology classes for educators, with registration and teacher recertification credit through the Colorado School of Mines Teacher Enhancement Program. See <https://te.csm.space.com/register.php>, Summer 2019 courses, for **Rocks & Minerals, June 4-5**, CT-9666-19D, fee \$110, 1.0 credit hour; and **Walking Tour of Building Stones in Denver, June 6**, CT-04131-19D, fee \$80, 0.5 credit hour; plus many other classes available through CSM. One of the other classes is **Dinosaur Ridge Teacher's Workshop, July 9-10**, CT-9206-19M, fee \$125, 1.0 credit hour.

Wed., June 5, 3:00 p.m., Denver Museum of Nature & Science, Earth Sciences Colloquium, "**Deciphering dinosaur lives: From microscopes to Madagascar**"; by Kristi Curry Rogers, Macalester College. In Ricketson Auditorium (not in VIP Room) DMNS; all are welcome, museum admission is not required.

Mon., June 10, 3:00 p.m., Denver Museum of Nature & Science, Earth Sciences Colloquium, "**Cursed seashells: Deciphering one of the most ubiquitous Paleozoic fossils, Rafinesquina**"; by Ben Dattilo, Purdue University. In Community Room (3rd Floor), not in VIP Room, DMNS; all are welcome, museum admission is not required.

Leonardo da Vinci at the Colorado School of Mines, Arthur Lakes Library: In addition to the **Leonardo da Vinci: 500 Years of Genius** exhibit now in progress at the Denver Museum of Nature and Science (see <https://secure1.dmns.org/leonardo-da-vinci-500-years-of-genius>), there is another excellent exhibit about his work, currently on display at the Lakes Library on the CSM campus. The **Machines of Change: The Da Vinci Machines** exhibit includes "over 60 authentic reproductions of machines and devices designed by Leonardo DaVinci were created using similar materials, building techniques and tools that Leonardo would have had access to in his time", plus full-size reproductions of Leonardo's most famous paintings. The exhibit, free to all visitors, is spaced around the corridors and reading rooms of the main floor of the library. Library hours are 8 a.m. to 8 p.m. most days, 12 to 6 weekends. They say that the exhibit at CSM will be open until mid-July.

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 Peter J. Modreski for the information!

Telling Meteorites from Wrongs

"Is this a meteorite?" is probably the most common rock identification questions I get. Many people not only find meteorites fascinating, and would love to find one, but also, they are aware of their value and hope for a windfall. Here are my clues from telling meteor-rights from -wrongs.

First, is it magnetic? Most meteorites contain at least some iron-nickel alloy so will respond to a magnet. Those that don't are so rare, weather rapidly and usually have such drab appearances that they aren't normally recognizable. We find these rare ones when they've been seen to fall from the sky, or they are found in areas where few other rocks accumulate such as on top of glaciers or on the deep-sea floor.

Unfortunately, there are a number of earth rocks that also will respond to a magnet, so the magnetic test is not enough. Where I live,

the landscape is covered by debris from glaciers that scrapped across magnetic iron formation and gabbro to the north. People picking through this material find lots of magnetic "meteor- wrongs", bring them excitedly into my office and come away bitterly disappointed. I'm sorry - but they are what they are.

Second, does the rock show layering? Meteorites don't show layers or bands but earth rocks often do. This includes veins, particularly ones with openings containing crystals. These are not signs of a meteorite.



Third, what does the rock look like on a freshly broken surface? Many weathered surfaces contain dark iron and manganese oxides, which make them look dark. Dark is "burned" to many people, who conclude that weathered surface "must" be a fusion crust formed when the sample roasted during passage through the air. Nature is, unfortunately, good at making dark crusts through oxidation, hydration, microbial action and so forth at room temperature. A fresh surface will reveal a lot about the rock. Fresh surfaces will often reveal the details of a rock's composition and texture and allow its identification - usually as a meteor-wrong.

Also, holes are not a good indicator of a meteorite. Many people assume rocks with holes have "boiled", thus must have hurtled through the air at high speed. Some meteorites may contain pits, called regmaglypts, but not holes. Holes are from earth processes of weathering, erosion or volcanic activity.

On a fresh surface a true iron-nickel meteorite will be steely and not very brittle. Stony meteorites will often have small spherical objects known as chondrules. Beware, though, as earth processes also can make spherical objects in rocks, such as oolites in sedimentary rocks and spherulites in volcanic ones.

My fourth test is this: are there minerals present that are known NOT to occur in meteorites. Quartz and feldspars are common minerals found in many earth rocks but not in meteorites. If any of these are present, the sample is not a meteorite.

Fifth, if there is metallic iron present under the altered crust, does it have significant nickel in it? You want to make sure you haven't found a rusted chunk of Uncle Ned's old Model T. Meteoritic iron always has several percent nickel in it. Iron we find, smelt and use on earth does not. There are fairly simple wet chemical or spectroscopic tests that can be done at most universities to determine if nickel is present in any significant amount.

Some excellent books and web sites are out there to help. My favorite book for budding meteorite hunters is Rocks from Space by O. Richard Norton (1998 Mountain Press). Some good web sites are maintained by: Aerolite Meteorite Men <http://www.aerolite.org/found-a-meteorite.htm> and Washington University in St. Louis <http://meteorites.wustl.edu/meteorwrongs/meteorwrongs.htm> The Washington University site has many pictures of meteor-wrongs.

If you are only finding meteor-wrongs, don't despair. Meteorites, although rare, can be found anywhere on our planet, so keep looking!

-Dr. Bill Cordua, University of Wisconsin-River Falls

LGMC Summary Minutes, Board Meeting

LGMC Summary Minutes Board Meeting, April 22, 2019

Location: Columbine Hills Church

Called to order at 7:00 pm by Vice-president Ian Duncanson.

In Attendance: Larry Havens, Ian Duncanson, Lynette Warren, Lesley Sebol, Dan Lovett and Jim Hooten

Minutes of the January meeting were approved as published.

Treasurer's Report: Lesley reviewed the report for the financial activity for the period 3/1/19 to 3/31/19. Income was from dues. Expenditures included web site fees for two years and rent for January through May of this year.

Motion to accept treasurer's report by Lovett; second by Hooten; motion carried.

Board discussed the benefits of multiple CD accounts set up in a laddering pattern to take advantage of different interest rates for different lengths of investment. Conclusion was to explore, but not commit to too many accounts in the ladder should it be decided to invest in this manner. Lesley also intends to shift checking to an account that does not require so high a balance.

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

Membership: Ian presented the applications from three families (Kaden Bennett and mother Amy Bennett, Daniel and Ginger Wagster and son Andrew, and Ketha and Joe Pimentel and their 4 children)

Old Business: Bank account signatures status: Action deferred.

Accident Waiver and Liability Release Form: no progress to date as Ron did not attend.

New Business: Lesley pointed out that the club needs to revise its tri-fold brochure to indicate our new meeting place prior to printing new copies for distribution. She will send new version to Board for review.

Field Trips: Jim Hooten outlined several, possible new trip locations and noted that others had been set up. The majority of the summer's trips will be outlined in greater detail at the general May meeting.

Programs: May: Founders' Day

Facebook: Nicole Bolger was not in attendance and did not send a report.

Website – Kollin Olsen was not in attendance and did not send a report.

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

Mineral Study Group: No meeting in May. May meet in the summer to develop a case of fluorites for the Sept. show in order to preview the Show's 2020 theme.

Next Board Meeting: Tentatively set for 8/4/19 at TBD

Meeting adjourned 8:00 pm.

Respectfully submitted,
Larry Havens, Secretary

Littleton Gem & Mineral Club-Member Memorial Trees

(Planted at the Littleton Center)

Tree No.	Tree Type	Member Honored
18	Golden Raintree	Harold Hanson Roger Hart Milo Sheets Nell Wooley
20	Greenspire Linden	Jack Youngkin Ginger Dunn Ruth Eaton Martha Meston Tony Ronzio
23	Autumn Purple Ash	Margret Davis Betty Leittl Jeanne Younkin Dorothy Edson Rev. Muriel Michaels
28	Autumn Purple Ash	Charles Outlaw Roberta Ronzio Gil Rodriguez Harold Gordon Muriel Colburn

33	Swamp White Oak	Jack Trenkle Chloe Trenkle Stan Sorenson Pete Petry Jim Craig
34	Swamp White Oak	Bernard Michaels Glenn Allen Yvonne Weller James Watchus George Howard
37	Eastern Redbud	Phyllis Gilbert Dick Pool Ruth Howard Dr. Carl Zink Harland Richards
43	Kentucky Coffeetree	Jean Stephens Sue Knaus Dorothy Zink Vickie Armijo Howard Backman
44	Littleleaf Linden	Art Fridinger Mark Basham L.M. Drake Morey Lesser Al Jarvis
47	Northern Red Oak	Jean Reeves Carlita Grun Otto Grun Annabelle McGraw George Williams
55	Shademaster Honeylocust	Mildred Reeves Sean Brockman Isabel Fridinger Frank Knaus Katherine Outlaw Betsy Grey
61	Red Horsechestnut	Bill Heiny Tom Odiorne Kathy Havens Caroline Stouffer Donna Chirnside
64	Western Catalpa	Ann Odiorne Jim Lannon Ed Gray Judith Stevenson Keith English
65	Japanese Pagoda	Richard Weller Clarene Weller Joe Tauer Bill Hayward Christopher Hayward
67	Hackberry	Nolan Moody Helen Moody Hal Brewer

		Robert Troxell Jerry Davidson
70	Fort McNair Horsechestnut	Mildred Brewer Annie Kirk Betty Watchous Virginia Weller Lee McKinney
71	London Planetree	Les Erb Louise Eeb Velma Richards James Hurlbut Dave Weller
	No Tree yet	Alice Ake Neil Troxell

A map of the tree locations is placed inside the Littleton Center near the Planning Dept.

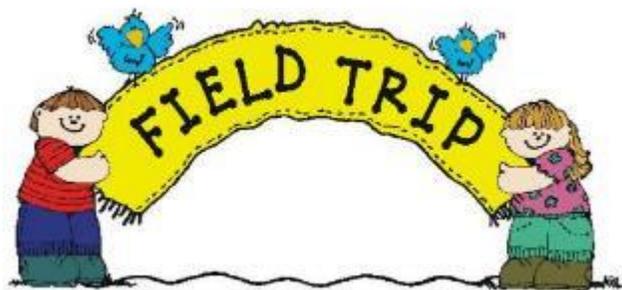
Current Lifetime Members

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	

Field Trip News

LGMC 2019 FIELD TRIPS (Through September 28, 2019)

This is the list of the Littleton Gem & Mineral Club 2019 field trips planned for the collecting season up through September 28, 2019. Additional trips may be planned for later in the fall. If so, at the Club Picnic, or the September Regular Meeting, more information and sign-up sheets will be available for these trips. Please remember to check with the field trip leader 24-48 hours before the scheduled trip especially if you do not sign up in May. Otherwise, there is no way for the leader to know to notify you of any changes. When in doubt, contact Jim Hooten (303-770-7177 or cell 303-548-7412 or jahooten@msn.com). Normally, if the weather is good, and you can make it, just show up at the designated time and place.



For all trips, bring a backpack with rain gear, gloves, tools, water, lunch, and sunscreen. Some people bring a 5-gal bucket for equipment and to use as a stool to sit on (and to carry specimens back to vehicle). Appropriate field boots are strongly suggested. Do not recommend tennis shoes. Wear a good sun-protecting hat.

Sat., June 8, Devil's Head, near Deckers, CO. Trip Leader TBD. Smoky quartz, topaz, fluorite, etc. Meet at large parking lot at entrance to Rampart Range Road, at the intersection of Rampart Range Road and CO 67, at **9:00 AM**. Trip leader will lead caravan to collecting locality. Map at May meeting.

Dist = 35 mi. 4WD = No Kids = OK Tools = D, H Fee = None

Fri., June 14, North Table Mountain Zeolites, near Golden, CO. Guests of Lake George Gem & Mineral Club. Sorry---only available on a weekday. Trip Leader, Dave Alexander (Lake George). Joint trip with Lake George Gem & Mineral Club onto Jefferson County Open Space to search for Zeolites on North Table Mountain. Zeolite varieties include Analcime, Thomsonite-Ca, and Chabazite-Ca. Dave Alexander will provide the required one-time Use Permit. Open Space rules state that no more than 5 pounds of specimens are allowed per day. Collecting period from 10:00 AM to 3:30 PM.

Meeting Place: RTD Park-n-Ride Lot at Ward Road and I-70 (Wheat Ridge). Meeting Time: 9:45 AM (leave at 10:00 AM sharp). As parking space is very limited at the No. Table Mtn Trailhead, everyone will meet at the Park-n-Ride and carpool from there. At the conclusion of collecting, vehicles will return to the Park-n-Ride. From the Trailhead, it is about a 1-mile hike to the Southeast Quarry (same on return), with a 500-foot elevation gain. Elevation approximately 6000 feet. Intermediate difficulty.

Bring plenty of water, lunch, and sunscreen. Watch forecast to determine whether rain gear might be needed. Good field boots. Sun hat. Bring rock hammer, chisel, bucket or backpack. As the basalt that contains the zeolites is very hard, suggested to bring a sledge hammer as well (2-pounder).

Dist = 4 miles (from P-n-R to Trailhead) 4WD = Opt Kids = over 12 (?) Tools = D, H
H Fee = None

Sat., June 15, Honey Bee/Queen Bee Club Claims. Trip Leader Ron Wankner. Amazonite, smoky quartz, fluorite, etc. **Meet at 9:00 AM, at the Community Center in "downtown" Harris Park.** Allow 1-1½ hour drive from Denver. Cars will then caravan from there to the collection site (approx. 1½ miles). Easy walk from parking area. Map at May meeting.

Directions: To get to Harris Park, take U.S. Hwy 285 southwest from Denver approximately 30 miles. Go through Conifer, then Pine Junction, then about another 4 miles until you come to a stop light at the junction of Hwy 285 and State Road 43 (may also be called 43A), and drive north about 10 miles to Harris Park. The only potentially confusing point is where Road 43 turns to road 47, maybe 6-7 miles up the highway. Just stay on the primary paved road (**keep to right**) and it will take you to Harris Park. The Community Center is the only "large" building around. Everything else is individual homes/cabins.

Dist = 50 mi. 4WD = Opt Kids = OK Tools = D, H Fee = None

Sat., June 22, TOPAZ MTN Mine, Joe Dorris Claim (north of Lake George, CO). Trip leader Jim Hooten. Joe Dorris and daughter, Krystle, have again invited us to their Topaz Mountain topaz claim. This is an operational mine, so some different rules apply. It is required that each individual, or family, purchase a bag of gravel for **\$50** to help defray the costs for operations and facilities. Each bag will contain several nice topaz specimens. In addition, everyone can work the gravel dumps for topaz. While working these dumps, you are working for Glacier Peak Mining. Joe or Krystle will assess ALL topaz found, and decide whether to release the specimen to the finder, or retain as a "company stone". Some stones may be offered to the finder with an option to purchase at a very fair wholesale rate (bring checkbook). If any stone(s) is exceptional, the company has the right to retain that specimen.

Although some rakes are available for use at the location, it is suggested you bring a garden rake with heavy tines, and a mattock or shovel. Optional items include a screen, rock pick, collecting bags and a 5-gal bucket. Also bring plenty of water, lunch and sunscreen. Restroom facilities are available.

Meet at 9:00 AM directly at the mine. Follow these directions: From Colorado Springs, take U.S. Highway 24 west to Lake George. Drive through Lake George, cross the South Platte River and turn north on Park County Road 77 (Tarryall Road). Go approximately 7 miles. Turn right onto road and cross bridge over Tarryall Creek. You should see the brown Forest Service sign marking the road (F.S. Road 211) also known as Matakat Road. Proceed about 2.5 miles and pass over cattle guard. You are now on Topaz Mountain Gem Mine. Operating sign is posted on fence to your left. Park in pullout on the right, or anywhere along the road. Walk up to where operations are going on. You should see plenty of people and vehicles.

A Waiver Form will be available at the May Meeting, along with a map to the meeting place.

Dist = 120 miles 4WD = Opt Kids = Sup Tools = L Fee =
\$50/person or family for bag of topaz gravel

Sun., June 23, Magnetite Ridge, near Tarryall, CO (Park County). Magnetite crystals. This is a new collecting locality for the Club (1st time was in 2018). Trip leader Jim Hooten (303-770-7177, cell 303-548-7412). Many of those who attended the first year commented on how much fun they had, and to be sure to keep this trip on the regular field trip schedule. It is located just a few miles north of the Topaz Mtn Claim, just off of Hwy 77 near Tarryall. Follow the directions from the previous field trip (Topaz Mtn) and continue north on Hwy 77 (past the turn-off to Topaz Mtn) for another 5 miles. Just before getting to Tarryall, CO, you will see County Road 31 going to your left (south). Take CR 31 and go approximately 0.7 miles and turn right onto CR 652. Drive another approximate 0.7 miles to where you park your vehicle along the side of the road. The pine-covered ridge to your left (south), through a grove of aspens, is Magnetite Ridge. It is a fairly easy walk up to the collecting area. All along the ridge you will find exposures of magnetite within the granite pegmatite. Plenty of prospective areas to investigate and collect. You will see many holes where other clubs and collectors have dug.

This is all BLM Land, and is open to the public. Camping is permitted anywhere, but all vehicles cannot be driven more than 20 feet from the road. If you want to campout, you can either camp close to your vehicle, where personal items are readily available (what some families did last year); or you can carry your camping gear up the hill closer to the collecting locality, but not as convenient to your vehicle back on the road. Your choice.

For those interested in attending this trip, there are different options available for getting to the collecting area:

- 1.) If you are attending the Topaz Mtn Trip from the previous day, you have the option of following the above directions and driving directly to the Magnetite Ridge locality and camping out Saturday night. The Club will meet you at approximately 10:00 Sunday morning.
- 2.) If you do not wish to campout, but still want to attend the Magnetite Ridge Trip, your options are to find a motel close by (Lake George), or drive back home and come back on Sunday morning. Meet at Meeting Place described below.
- 3.) If you are not attending the Topaz Mtn Trip on Saturday, but are interested in attending the Magnetite Ridge Trip on Sunday, drive to the Meeting Place on Sunday morning.
- 4.) **MEETING TIME & PLACE** for those interested in meeting and caravanning to Magnetite Ridge: **Meet at 9:30 AM on Sunday (6/23/19). Drive to Lake George and turn north on Park County Road 77 (west edge of town). After a short distance (200 yards) there is a pull-off on the left side of CR 77. We will meet there and caravan to Magnetite Ridge.** If you are not there at the designated time, the vehicles will leave without you and you will have to follow the directions and drive to the collecting area on your own.

Dist = 100 miles 4WD = Opt Kids = Sup Tools = D,
H Fee = None

[Fri., June 28, Detroit City Mine \(Alma, CO\) \(extension to former Sweet Home Mine\)](#). New Collector's Edge operation a few hundred feet up the side of Mt. Bross from the previous Sweet Home Mine (closed in 2004). Initial operations on Detroit City Mine began in 2016. After 3 years, Collector's Edge is beginning this year to offer tours of their new mine. Currently, the mine is only 500 feet into the mountain, but has intersected the vertical **rhodochrosite** veins from the old Sweet Home Mine some 200 feet below. This tour will primarily be an informational and educational tour, with not much chance to collect in the mine waste rock that is mucked out after blasting. This was what we were able to do 20+ years ago when the LGMC participated in tours of the old Sweet Home Mine, but don't expect it this time.

Geologist Dean Misantoni is again intimately involved in the operations to retrieve the new rhodochrosite specimens, much as he was back in the 1990's-early 2000's in the Sweet Home Mine. Dean has listed a number of required guidelines that we are expected to follow:

- 1.) **Tours are being given only on Fridays** to minimize interference with operations.
- 2.) Each tour will take approximately **1½ hours** to complete.
- 3.) Dean said he can accommodate **10 participants per tour**, and can **give 3 tours** before his voice runs out. **This limits the total number of Club members to 30**. If there are more than 30 Club members who sign up, the excess signees on the list will be put on the 'back-up' list (according to their position on the list), in the event that someone on the initial list of 30 has to cancel.
- 4.) Some equipment will be available at the mine, but Dean asks that anyone who has their own to please bring it. This **includes hard hat, flashlight, heavy-duty work boots (steel-toed preferred)**. Mine temperature at or around 50 degrees, so wear a jacket.
- 5.) Children under the age of 12 are not encouraged to sign up. Dean said that anyone entering the mine must at least be able to comfortably wear a size 6 boot. Please do not sign up small children.
- 6.) No standing water is expected in the mine. It should be dry. The dimensions of the adit are roughly 10'x10', which is quite roomy.
- 7.) In the event of bad weather, or any other reason that could cancel this tour, an alternate date of Friday, July 12, 2019 has been set aside.

Because of the limited spaces available with this tour, please sign up **only** if you are certain that you can make this tour. Check your calendar before signing up to confirm that you are not on vacation, or doing anything else that would conflict. Also keep in mind that this is a **WEEK-DAY**, so make sure you can take off from work. Due to the nature of this activity, and the related club liability, **LGMC members cannot invite friends or family (non-members) on the tour**.

Once I have a full sign-up list, I will contact Dean and get the details of the tour regarding meeting time and location, and contact the participants individually. Also, I will try to get details on the schedule of the 3 tour groups. Dean said that we will likely congregate down the mountain, near where the old Sweet Home site was located, and transport each group-of-10 up to the Detroit City Mine for each tour. Space is much more limited at the new mine entrance. Dean asked that if any participant has a large SUV (Suburban, etc), it would be great if they could bring it in order to carry multiple people up the mine road. I will also ask about what activities the other 2 groups-of-10 can do while waiting for the previous tour(s) to get done.

Dist = 80 miles
N/A

4WD = Rec

Kids = Over 12

Tools =

Fee = None

[Sat., June 29, Georgetown Loop Train Ride, Everett Mine Tour, Gold Panning & Lunch.](#) Great trip for the Club. Previous trips (2-3 years ago) were thoroughly enjoyed by many Club members.

2019 Fee Schedule: \$39.50 per Adult (16 and older); \$28.50 per Child (3-15); Infants under age 3 are complimentary if seated on parent lap.

Historic train ride **starts in Silver Plume, CO** (at 10:00 AM) and travels down the valley to the Everett Mine, where the mine tour is conducted. The Everett Mine tour includes a walk of approximately 225 feet into the mountain. It gives visitors a sense of a mine in operation in the late 1880's. The lighting is set to a level similar to the candle lights the miners would have been using. The exhibits in the mine include: the transition from hand drilling to mechanical drilling; the difference between black powder and dynamite blasting; ore removal; timbering and tunnel construction.

After the mine tour, guests are then given a small bag of sand with "free gold" flakes included. They will be instructed how to **PAN FOR GOLD**, and can take home everything they find! (More than you would imagine.) After that, everyone is served lunch at the Mine (hot dogs, chips, drinks).

After re-boarding the train, the trip continues down to Georgetown (to pick up more passengers), then travels back up the valley to Silver Plume, where you leave the train, return to your vehicle, and drive home. The round trip lasts approximately 3 hours (10:00 AM to 1:00 PM).

Participation is limited to 30 Adults and 4 Children (that was the number of train ride tickets left available). At the April General Meeting last month, a sign-up sheet was set out to get a rough count of who would be interested. There were 17 sign-ups (16 Adults, 1 Child) who signed up (and are still able to attend the trip), leaving only 13 additional Adults and 3 Children tickets still available. Check your calendar if you think you want to participate, and **BE SURE YOU CAN GO BEFORE SIGNING UP.**

The fee for each participant will be collected at the train station on the day of the trip, and it is requested that participants bring cash for their payment (see ticket prices listed above). The **Littleton Gem & Mineral Club Representative for the trip is NANCY KIMBER.** She will be responsible for collecting everyone's ticket money, and will then purchase the entire lot of tickets at the ticket window. She will then distribute the tickets to the Club members in attendance. We are asked to submit a final head count of people attending, and this will be done after the LGMC May Meeting. **AGAIN, PLEASE SIGN UP ONLY IF YOU ARE SURE YOU CAN GO.** If you sign up, and a conflict arises that keeps you from attending PLEASE contact Jim Hooten ASAP so he can notify the train.

A sign-up sheet will be available at the May Meeting so you can sign up at that time, or you can call or email Jim Hooten before then if you want to reserve a place on the trip.

Meet at the parking lot of the Train Station in Silver Plume (a short distance west of Georgetown on I-70) **at 9:30 AM on Saturday, June 29th.** The train leaves sharply at 10:00 AM, so be sure and give yourself plenty of time to get there. It's roughly 50 miles, so allow at least 1½ hours, factoring in weekend traffic on I-70. Come early for breakfast in historic Georgetown. Just make sure you're at the train station to meet the other Club members at 9:30 AM. Locate Nancy and give her your ticket money. Have FUN!

[Sat., July 13, Smoky Hawk Mine, Joe Dorris Claim \(near Lake George, CO\).](#) Trip Leader Jim Hooten. Joe Dorris has again invited our Club to try our luck at collecting some of the beautiful amazonite and smoky quartz specimens that are famous from this area. Of course, no guarantees as far as any minerals, but always a guaranteed fun time! **Meeting Time: 9:00 AM. Meeting Place:** Drive into Lake George. As you come into the east side of town, you'll go past a paved road going off to the right (north), Park County Road 94. This was where we previously would turn right to meet. Instead, continue on west on Hwy 24, into Lake George, for a short distance, just a quarter-mile (1/4 mile). On the left (south side of road) there will be a large parking lot just before the open field used for the Fairground. You will see **Starky's General Store. We will meet in this parking lot and caravan to the Smoky Hawk Claim from**

there. Give yourself plenty of time to get there, as it is a good 2-hour drive from Denver. Bring water, a lunch, and plenty of sunscreen. Also bring some cash, credit card, or checkbook, as Joe typically has some very nice, representative specimens for sale, at discounted prices. This helps him make up for his costs in making his claim available to our club, and other clubs as well.

A Waiver Form will be available at the May Meeting, along with a map to the meeting place.

Dist = 100 miles 4WD = Rec Kids = Sup Tools = D,
H Fee = \$50/individ or fam (topaz gravel bag)

Thu., July 18 – Sun., July 21, Montana collecting areas (Crystal Peak, etc.). Trip Leaders Lynette Warren (303-956-4634) and Ed & Susan Wakefield (702-613-0545). LGMC members heading north to collect at great amethyst location in southwest Montana. If any other LGMC members are interested in joining them, call either leader for additional information.

Sat., July 20 -- Sun., July 21, RAMS Club (Mile High Rock and Mineral Society), Annual Picnic, Dig and Campout Invitation. “Do-Over” from 2018. The many wildfires last summer resulted in the cancellation of this event, for all concerned. Because of that, the RAMS Club has re-issued their invitation to the LGMC to join them again for a fun weekend. The official “party” begins with the Picnic at 12-Noon on Saturday the 20th. They are providing burgers, hot dogs, and brats, plus buns and condiments. Also, they will have pop and iced tea for beverages. All participants are asked to bring a side dish to share (enough for 6-8 people). Also bring any meat of your choice, if it is other than what they are providing. Same goes for liquid refreshments.

You don't have to arrive at 12 noon on Saturday. You can arrive earlier Saturday morning (to start digging earlier), or even Friday evening if you choose. There should be members of the RAMS Club present at their claim. Coming early will also allow you to claim a good camping spot, although there should be plenty of good spots in the area.

Word of warning: No Bathroom Facilities, so plan accordingly. Also, bring plenty of water, as there's no water supply. Feel free to bring chairs, don't forget the sunscreen.

Material to collect includes amazonite, smoky and other quartz, fluorite, goethite, and possibly topaz. Hard pegmatite digging, so bring appropriate tools (rock pick, sledge, chisel, shovel, etc.). If you're digging Saturday morning, they will honk car horns just prior to Noon to let everyone know that it's time to eat.

The RAMS Claim is on the same road that leads to Joe Dorris's Smoky Hawk Mine. You go right by the RAMS Claim on the way to Smoky Hawk. Again, feel free to arrive at whatever time fits your schedule. Camp out overnight on Saturday and dig some more on Sunday morning.

A sign-up sheet will be available at our May 17th Founder's Day Meeting. All that is asked is that you be certain that you can attend. A final total number of LGMC participants will be given to the RAMS people by mid-June, so they can plan accordingly for the amount of food and drinks to provide. Your cooperation with this is greatly appreciated. If you sign up, and later have to cancel, just notify Jim Hooten ASAP (303-548-7412 / jahooten@msn.com).

Hope you can make it. Should be a really fun weekend!

Dist = 115 miles 4WD = Rec Kids = Sup Tools = D,
H Fee = None (just dish to share)

Sat., July 27 -- Sun., July 28, Coffee Pot Springs, near Dotsero, CO. Trip Leader, Jim Hooten. Pseudomorphs of goethite after pyrite, plus fossil collecting in the area, plus hydrothermal(?) quartz crystals. Brachiopods, clams, and other Paleozoic-age fossils in local limestone quarries. Nearby campsites for overnight campers (fee), or choose “open” camping (no fee). Allow at least 3-3½ hours' drive from Denver. Go west on I-70, About 10 miles west of Gypsum turn off I-70 at exit 133 (Dotsero). Go north

on CR 301 for 1+ miles and turn left on CR 140 (Deep Creek Road). This road becomes fairly steep with hairpin turns, but it is maintained, and most cars in good condition should have no problem with the road, when dry (not the case if there are, or have been, heavy rains). Follow Deep Creek Road about 12 +/- miles until you see a sign saying that you are entering White River National Forest. **Meet at the National Forest sign at 10:00 AM on Saturday.**

For those wishing a National Forest campsite, the Coffee Pot Springs Campground (fee required) is another 4-5 miles on down the road. Other campgrounds are also in the area (fee and "open"). Typically, trip participants camp at an "open" campground a short distance from the meeting place (continue on main road and take first left turn onto side road, then go 200 yards to camping site on right). Some people usually go up on Friday, or even Thursday, so a sign may possibly be located on the main road indicating where the LGMC campsite will be. For those who have not been on this trip. It is a breathtakingly beautiful area, with meadows of wildflowers, high mountains, and deep canyons (great overlook). A really enjoyable weekend in the mountains, with guaranteed mineral collecting, camping around a campfire (unless the Forest Service has a fire ban in place), and good companionship. Singing optional, but story-telling encouraged. Map at May meeting.

Dist = 150 miles 4WD = Opt – Rec Kids = OK Tools = L, D Camping = OK
Fee = only if camping at Forest Svc site

[Thurs.-Sun., Aug. 8-11, 33rd Annual Contin'Tail Mineral Show \(Buena Vista\)](#)

[Sat., Aug. 10, Sedalia Copper Mine \(near Salida, CO\)](#). Trip Leader Jim Hooten. Trip to old mine ruins near Salida, CO to collect almandine garnet crystals and other interesting minerals. Park at the base of the mine road and walk up to the collecting area. The walk is comprised of 10-12 switchbacks over approximately 1/3 to 1/2 mile, up a very steep grade. It is a very rigorous hike up, and back down (especially with a backpack full of heavy garnet specimens). Not recommended for those not used to strenuous exercise. **Meet at 10:00 AM**, northwest of Salida, **at intersection of US Hwy 285 and CO Hwy 291**. We'll caravan from there to old mine area. Bring lunch and plenty of water and sunscreen. Map at May meeting.

Dist = 150 miles 4WD = Rec Kids = Sup Tools = L, D, H Fee = None

[Sun., Aug. 18, LGMC ANNUAL SUMMER PICNIC & GRAP BAG STUFFING PARTY.](#)

[Sat., Aug. 24, Hartsel Barite Area, near Hartsel, CO](#). Trip leader TBD. Clear to blue to opaque barite crystals. Fun trip and everyone is guaranteed to leave with a bag full of barite. Easy collecting area. Meet at **10:00 AM** at **Bayou Salado Trading Post in Hartsel**. Will check in with owners, Dave & Lark Harvey and sign waiver forms, and then caravan to collection location a few miles away. Please bring some money to help cover the \$30 fee for collecting. The \$30 will be divided among the number of participants, so it should only be a few dollars per person. Also bring lunch, plenty of water, sun screen and insect spray. Map and instructions at May meeting.

Dist = 140 miles 4WD = Opt Kids = Sup Tools = D, L Fee = \$2-5/person, depending on number attending

[Sat., Sept. 7, Purple Dragon Claim \(aka Red Feather Lakes\) \(north of Ft. Collins\)](#). Trip leader Ron Wankner. Quartz varieties: clear, iron-stained, purple amethyst. Thanks again to new owners, Mandi and William Hutchinson, for allowing us to collect on their claim. The LGMC has had a great time with past visits to this historic collecting locale, with some good success as well. **Meet at 9:00 AM** at Livermore, CO, approx. 24 miles north of Ft. Collins, at the intersection of Hwy 287 and County Road 74E (Red Feather Lakes Road). Cars will then caravan from there to the collection site, approximately another 28 miles west. Map at the May meeting.

Dist = 125 miles 4WD = Opt Kids = Sup Tools = D,
H Fee = none

Sat., Sept. 21, Honey Bee/Queen Bee Club Claims. Exchange Field Trip with Lake

George Gem & Mineral Club. Trip Leader Jim Hooten. Amazonite, smoky quartz, fluorite, etc. Inviting Lake George Members to our Club Claims, and next week, they are inviting us to their Club Claims (see next field trip description). **Meet at 9:00 AM, at the Community Center in “downtown” Harris Park.** Allow 1-1½ hour drive from Denver. Cars will then caravan from there to the collection site (approx. 1½ miles). Easy walk from parking area. Sign-up sheet and Map at September meeting.

Directions: To get to Harris Park, take U.S. Hwy 285 southwest from Denver approximately 30 miles. Go through Conifer, then Pine Junction, then about another 4 miles until you come to a stop light at the junction of Hwy 285 and State Road 43 (may also be called 43A), and drive north about 10 miles to Harris Park. The only potentially confusing point is where Road 43 turns to road 47, maybe 6-7 miles up the highway. Just stay on the primary paved road (**keep to right**) and it will take you to Harris Park. The Community Center is the only “large” building around. Everything else is individual homes/cabins.

Dist = 50 mi. 4WD = Opt Kids = OK Tools = D, H Fee =
None

Sat., Sept. 28, Patience/Piety Mining Claims (aka Wig Wam Claim). Exchange Field

Trip with Lake George Gem & Mineral Club. Trip Leader Dave Alexander (Lake George). Smoky quartz, clear-drusy quartz, multi-colored fluorite, amazonite & clevelandite feldspar, topaz. Level of difficulty: EASY. It is Lake George’s turn to host our Club members at their claim. **Meeting Time: 8:45 AM.** **Meeting Place: Parking lot immediately north of Decker’s Corner Restaurant in Deckers, CO.** If you’ve never been to Deckers, you can’t miss it. It’s located at the intersection of Platte River Road (CR 67) and Deckers Road (CR 126), in Jefferson County. Best way to get there is down Hwy 285 (southwest from Denver) and turn left (south) at Pine Junction. Give yourself 1 1/2 to 2 hours from Denver. Caravan will leave at 9:00 AM, and Dave will lead us to the claim (10 miles, about a 35-minute drive). Restroom facilities at the parking lot, but none at the claim, so come prepared. As the 2 claims are surrounded by other claims, Dave will point out the boundaries and show participants around the claims, where the “hot spots” are, and how to generally dig in the area.

Bring plenty of water, lunch, and a good assortment of light and heavy tools, including a shovel, 3-prong rake and pry bar.

Dist = 65 miles 4WD = Opt Kids = Sup Tools = D, H Fee =
None

Field Trip Legend

Dist = approx. one-way driving distance to meeting place from Littleton/Denver.

4WD = **No**, not needed; **Opt**, optional (useful if you have one, may need to ride short distance with someone if you don’t); **Rec**, recommended

Kids = **OK**, a good place for kids; **Sup**, some potentially hazardous areas (steep cliffs, mine tunnels, etc.). Small children will require adult supervision. **NR**, not recommended to bring small children.

Tools = **L**, light collecting tools (rock pick, shovel, sack, scoop); **D**, typical pegmatite digging tools (rock pick, pick and shovel, pry bar, chisels, trowel, brush, screwdriver probe, etc.); **H**, tools for heavy rock breaking (rock pick, sledge, chisels, pry bar, eye protection, etc.).

Camping = if noted, camping (optional for an overnight stay) is possible at the site.

Fee = Noted, if any.

Field Trip Coordinator, Jim Hooten (303-770-7177 (Home), 303-548-7412 (Cell), jahooten@msn.com

Club Announcements

Welcome New Members: Daniel and Ginger Wagster, Ketha Muth and Joe Pimentel

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

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: _____

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

Price includes vest, sewed on club patch (on back) and a club pin



CAN WE BE FRIENDS?

Summer is almost here! LIKE and FOLLOW our Facebook page for summer field trip reminders, Junior Rockhound adventures, mineral giveaways, and other fun events happening around town!

Going on your own field expeditions and summer travels? Share photos of your finds and experiences on our page we'd love to see what you score!

Find us at LittletonGemandMineralClub on Facebook.

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

See you on Facebook! Nicole Bolger

Thanks to everyone who contributed to the newsletter!

~Tammy

☞ **2019 Board of Trustees** ☞

President	Ron Wankner	303-618-5549
Vice President and Membership Chairman	Ian Duncanson	303-798-9174
Secretary	Larry Havens	303-757-6577
Treasurer	Lesley Sebol	720-999-1372
President elect	Kollin Olsen	303-233-9492
Program Chairman	Stacey Lestina	303-241-6670
Field Trip Chairman	Jim Hooten	303-770-7177
Highlites Newsletter Editor	Tammy Jacobs	303-680-8830
Trustee (Year of 2019 as past President)	Travis Leach	303-887-9787
Trustee (2-year term 2019 & 2020)	Lynette Warren	303-956-4634
Trustee (2-year term 2018 & 2019)	Dan Lovitt	303-791-3112

☞ **Chairpersons & Appointed Officers** ☞

Trustee-at-Large	Lou Conti	303-797-3205
Trustee-at-Large	Dale Gann	720-981-5526
Sunshine Chairperson	Lynette Warren	303-956-4634
Refreshments	Anne Jenkins	303-730-7696
Librarian	Mary Davis	303-680-5112
Historian	Open	
Photographer	Open	
"	Open	
Hospitality	Nick North	303-840-1177
Grab Bags	John Kleber	720-851-8510
Web Administrator	Kollin Olsen	303-233-9492
Show Committee Representative	Lynette Warren	303-956-4634
RMFMS & AFMS Representative	Larry Havens	303-757-6577
Denver Council Representative	Nick North	303-840-1177
Cabbers & Faceters Group		
" "	John Revis	720-569-6685
" "	John Kleber	720-851-8510
Mineral Study Group	Bob Zartman & Nick North	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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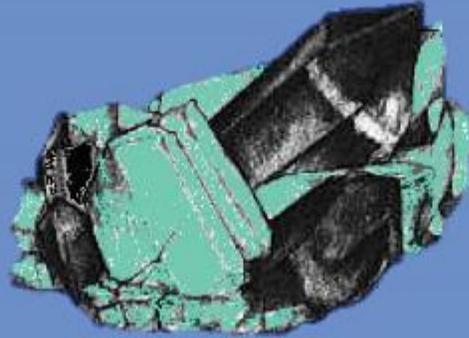
****The deadline for submissions is the 1st Friday of each month.** Please send your material by email to jacobstammy80@gmail.com.

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