

# Littleton Gem and Mineral Club May 2018 Newsletter.



## May Program: Field Trips, and Founder's Recognition

Friday, May 18<sup>th</sup>, 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!



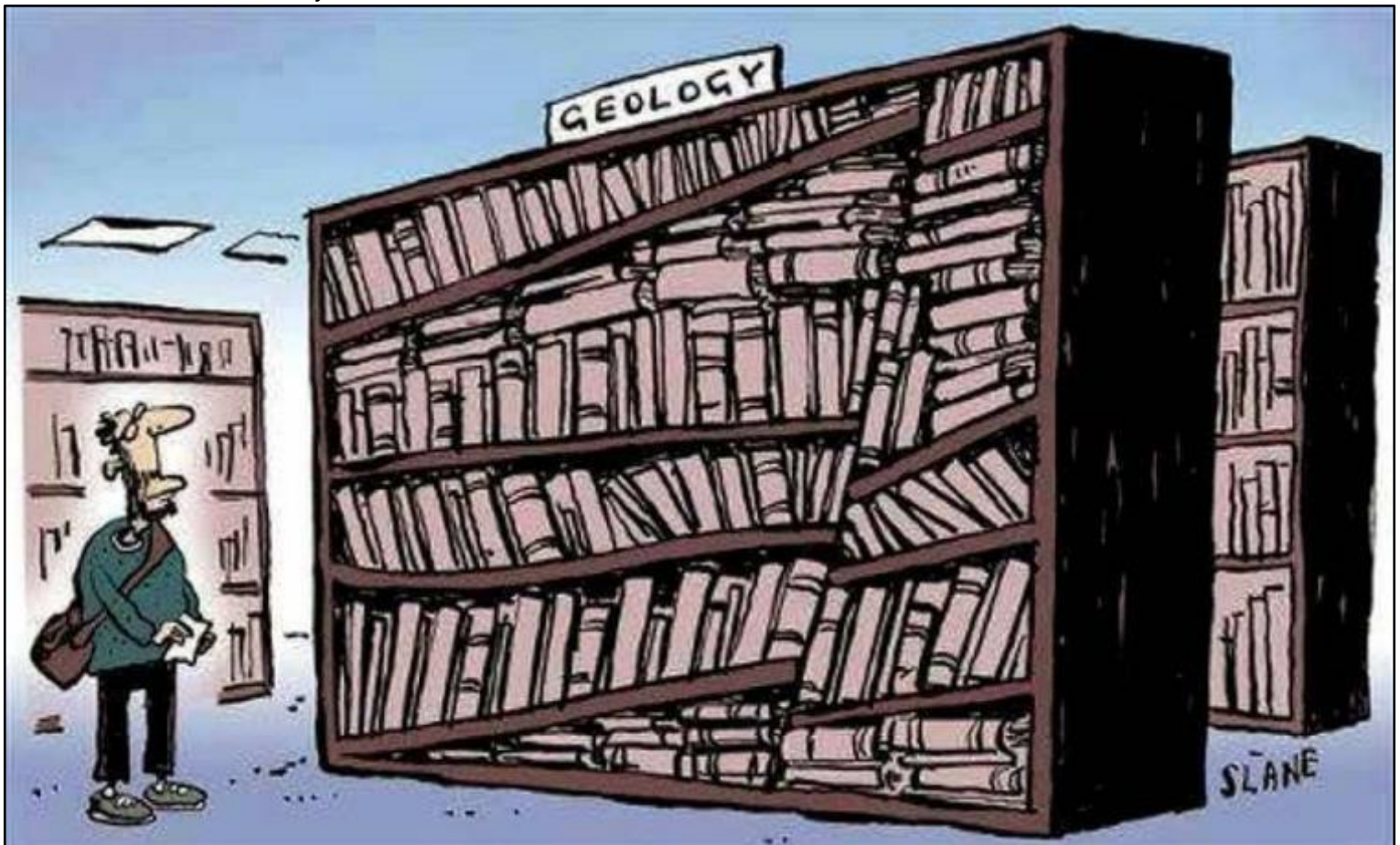
## New Members!

Please welcome our newest members, **John & Debby Powell**

## Field Trip Schedule!

Be sure to find the LGMC 2018 Field Trip schedule in the pages below!

Ian Duncanson, Thank you for this cartoon!



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# Denver Gem & Mineral Show Mini Report

## May 2018

The Denver Gem & Mineral Show is only four short months away! How could you forget?! The Denver Show is the most exciting event for our hobby and it happens right here on our turf! Let's recap the facts. The Denver Gem & Mineral Show takes place September 14 - 16, 2018 at the Denver Mart, 451 E. 58th Avenue (intersection of I-25 and 58th Avenue). The theme of this year's show is "Minerals of Mexico". The Show Chair is Lesley Sebol, who can be reached at [lesleysebol@gmail.com](mailto:lesleysebol@gmail.com) or 720-999-1372. Lesley is always open to new ideas to better the show.

The Show Committee wishes to enhance the educational value of the show and to attract younger folks to the hobby. There will be more exposure to the lapidary arts at the show this year. In particular, there will be a wire wrapping class taught by Susan Gardner on both Saturday and Sunday of the show. The class will be limited to about 20 persons and run from 10 a.m. to 5 p.m. with a break for lunch. If you have always wanted to learn wire wrapping, this may be your chance. More information about signing up and the cost will be forthcoming later, but don't wait to sign up because the class is limited.

The \$5,000 gold giveaway for children 12 years of age and younger will again happen at the show! This was a huge success last year. If you had an opportunity to watch the children pan for the tokens, it was amazing! Some of the children were very intense and determined to find one of the tokens. Then when they did, their faces lit up with smiles and delight as they took their token over to be exchanged for their treasure of gold. It will be a thrilling adventure for many children again this year.

I cannot write a mini report without reminding all of our clubs' members that the show needs your help to operate and to be successful. The show is an all-volunteer effort; no one is paid for their work for the show. The show depends on volunteers from the clubs. So if you enjoy the show, you need to step up, to throw your hat in the ring, to raise your hand and say "I will help". First of all, there are some open positions on the Show Committee, the 50 member group that plans the show all year long. These are a second Historian, who assists with photographing all the exhibits and creating a history for the show. Bill Hutchinson has volunteered to be a Historian so only one more is needed. There are several positions that need an assistant. These are Buildings and Grounds, Dealers, Door Prizes, Tear Down, Trophies, and Volunteers. So please think about joining the committee. The Show Committee meets at 7:30 p.m. on the first Tuesday of each month except February, July and December at the Colorado School of Mines Geology Museum conference room. Come to a meeting to find out what it is all about. You may serve as an At Large member until you decide where you fit in.

About 400 volunteers are also needed at show time to help run the show. Volunteers are needed for admissions, security, hospitality, volunteer check-in, dealer check-in, show set-up, show take-down, schools, judging clerks, exhibits assistants, and grab bag/ poster/pins sales. Plenty of opportunity for you to assist with the best show in town! Sign up multiple times and often!

Respectfully submitted, **Judy Knoshaug**, Show Secretary

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# Selected upcoming LGMC and Earth Science Events

**Tue May 15** **Facters and Cabbers Meeting**, 7:30, Columbine Hills Church. We will share our latest accomplishments and problems, while discussing aspects of our hobby. We will also continue our planning for the club case for the September show.

Also! We will continue to be meeting through the summer as usual, on our usual date and time (3<sup>rd</sup> Tuesday, 7:30pm), sharing our summer activities and plans. Hope you can join us.

**Fri May 18** **LGMC Club Meeting**, 7:30pm 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. See page 1 for program topic – Founder’s Celebration.  
May Refreshment Volunteers: **Nancy Kimber, Anne Jenkins, and Crystal.** **They could use some help! Would you be willing to bring some refreshments too? If so, thanks!**

Sun, May 20 Friends of Mineralogy Silent Auction – see flyer on a page below.

Sat Jun 2 Devil’s Head field trip  
Sat Jun 9 LGMC Honey Bee field trip  
Sat Jun 16 Cripple Creek mine tour  
Jun 18-24 Montana collecting  
Jun 20-22 Regional Convention of the Rocky Mountain Federation of Mineralogical Societies, Rapid City, SD  
Sat Jun 30 Smokey Hawk field trip

Sat Jul 14 Teller County Tourmaline OR Magnetite Ridge field trip  
**SUN** Jul 15 Topaz Mtn field trip  
Jul 21-22 RAMS Picnic and field trip  
Jul 28-30 Montana collecting, Part 2

Aug 4-5 Coffee Pot Springs field trip  
Aug 9-12 Contin’Tail rock show  
Aug 11 Sedalia Copper Mine field trip

**Aug 19** **LGMC Summer Picnic**, and Grab Bag Stuffing,  
at the South Shelter in Sterne Park, 11-am setup, 12pm lunch!

Aug 24-26 Del Norte Geodes field trip  
Aug 25 Hartsel Barite field trip  
Sep 8 Red Feather Lakes field trip

**Sep. 14-16,** **51<sup>st</sup> annual Denver Gem and Mineral Show**, Denver Mart, 451 E 58<sup>th</sup> Ave., Denver, CO. **Minerals of Mexico** is the 2018 show theme. (Volunteer early for more choices of timeslots!) See <http://denvershow.org>

**Oct 20** **LGMC Annual Silent Auction.**

**See below for LGMC Field Trip schedule and more details!**

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# Littleton Gem and Mineral Club Field Trip Rules and Decorum

- The field trip chairperson will make sure that each field trip has a designated responsible leader who will assure compliance with all field trip rules and safe practices, and who is familiar with the location, ownership and hazards of the field trip site.
- Each person participating in a field trip will agree to abide by the AFMS Code of Ethics and the Littleton Gem and Mineral Club's Field Trip Rules and Decorum.
- Only paid members and their guests may participate in club sponsored field trips.
- Guests, other than family members, will not be able to attend exchange field trips and trips to private claims. When proof of insurance is required for field trips, only current members are permitted to attend.
- Guests should be okay-ed by the field trip leader prior to the departure of the trip.
- Since guests are not covered by the Littleton Gem and Mineral Club's insurance policy, it is recommended that those wishing to attend more than one field trip become a paid member of the Littleton Gem and Mineral Club.
- All members planning to attend a particular field trip must call the field trip leader prior to the scheduled date of departure, preferably within 48 hours of the trip. This will let the leader know who is definitely planning to attend, and it will let you know if any changes have been made concerning the trip.
- Be prompt in meeting at the designated departure point. Most field trip leaders will wait no more than ten minutes and your tardiness may result in your missing the field trip altogether.
- All people attending a field trip **MUST UNDERSTAND AND SIGN** the liability release form prior to the actual start of the trip.
- Special restrictions may be made for some field trips due to special hazards, collecting or weather conditions, etc.
- Firearms, dynamite, etc., will not be allowed on any field trip. Power equipment is not allowed.
- Children are usually welcomed on field trips; however, they are the responsibility of their parents or accompanying adult at ALL TIMES while on the trip.
- Pets are also usually welcomed as long as they are kept under control.
- If you must leave a field trip early, please inform someone, preferably the leader, of your early departure. The same holds true if you decide to explore the area. The BUDDY system is strongly encouraged on all field trips.
- First aid items should be carried by all members as part of their equipment.
- The field trip area should be left in as good or better condition when we leave as when we arrived.
- REMEMBER! When a newly worked area is left unoccupied, but tools are in or near the hole, this is off-limits to all but the owner of the tools!

## **Club Claim**

- All club members **MUST** carry their current membership cards while on the club claim.
- Visitors are permitted on the club claim provided that they are accompanied by a current club member and permission has been obtained from a club officer.
- Members must not trespass on adjoining claims.
- A record of hours worked on the claim must be reported to the designated club officer.
- No collecting may be done for commercial purposes.

# LGMC 2018 FIELD TRIPS

(Through September 8, 2018)

This is the list of the LGMC 2018 field trips planned for the collecting season up through September 8, 2018, the weekend before the Denver Gem & Mineral Show. 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; there is no way for the leader to know to notify you of any changes. When in doubt, call Jim Hooten (303-770-7177 or cell 303-548-7412 or [jahooten@msn.com](mailto:jahooten@msn.com)). Otherwise, if the weather's good, and you can make it, just show up at the designated time and place.



## Field Trip Legend:

- **Dist** = approx. one way driving distance to meeting place from Littleton.
- **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; YES, required.
- **Kids** = OK, a good place for kids; Sup, some potentially hazardous areas (steep cliffs, mine tunnels, etc.). Small children will require some 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.

**Sat., June 2, Devil's Head, near Deckers, CO.** Trip leader TBD or Jim Hooten (303-770-7177 or cell 303-548-7412). 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**. Map at May meeting.  
**Dist = 35 mi. 4WD = No Kids = OK Tools = D,H**

**Sat., June 9, LGMC Honey Bee/Queen Bee Club Claim.** Trip leader Travis Leach (303-887-9787). Amazonite, smoky quartz, fluorite, etc. Meet at 9:00 AM at Community Center in "downtown" Harris Park. Cars will then caravan from there to the collection site. 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 thru Conifer, then Pine Jct., then about another 4 miles until you come to a stop light at the junction of State Road 43 (can only turn right—north). Turn north onto State Road 43 (may also be called 43A), and drive 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**

**Sat., June 16, Cripple Creek/Victor Gold Mine Tour, Victor, CO.** Trip leader Jim Hooten (303-770-7177 or cell 303-548-7412). This trip was announced earlier this year both at the monthly meetings and via a batch email to all Club Members. The maximum number of participants allowed by the Mine Tour Company was achieved, so the trip is currently full. Information regarding the Tour was previously sent to all participants. It is requested again that all those attending please send their \$8.50/person (no discount for children or seniors) to Jim Hooten, or please bring to the May 18th Founder's Day Meeting. Also bring completed Waiver Form.

**Mon., June 18 to Sun., June 24, Montana collecting areas (Crystal Peak, etc.).** Trip leaders **Bob and Ruth Zartman** (303-973-0405). They invite anyone interested to join them to take a trip to Montana to collect at some classic localities for smoky quartz, amethyst scepters, sapphires, and who knows what else. Go for part of the trip, or stay the whole week. Call Bob and Ruth to coordinate and to get detailed information. This is the first of 2 Club trips planned to Montana, so, if you can't make this one, there is another one later in the summer.

**Sat., June 30, Smoky Hawk Mine, Joe Dorris Claim (near Lake George, CO).** Trip leader Jim Hooten. Joe Dorris has again graciously 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, but always loads of fun! Meet at **9:00 AM** on the east side of Lake George, CO (US Hwy 24), where Park County Road 94 turns off to the north, by the Ranger Station. Give yourself plenty of time to get there, as it is a good 2 hour drive from Denver. We will then caravan to the claim. Bring water, a lunch, and plenty of sunscreen. Also bring some cash, or your checkbook, as Joe usually has some very nice, representative specimens for sale, at discounted prices.

A Waiver Form will be available at the May Meeting. Please take, complete, and bring with you on the field trip. There will also be some available at the collecting site on the day of the trip.

Dist = 100 mi.    4WD = Opt    Kids = Sup    Tools = D, H

**Sat. July 14 -- trying something new.** Members have requested more overnight campout experiences on some field trips, so this would qualify. With the Topaz Mtn Mine trip scheduled on a Sunday this year (July 15), there are two 1/2-day trips that are being offered on the day before, both within a 45-minute drive to Topaz Mtn. on the following Sunday morning. The two trips are as follows, in no particular order. Those interested in camping can decide which to do in the morning, and which in the afternoon of Sat., July 14.

**Trip 1: Teller County Tourmaline, near Cripple Creek, CO** (Schorl tourmaline). Trip leader Jim Hooten (303-770-7177). Collect black schorl tourmaline crystals.

Dist. = approx 110 mi.    4WD = Rec    Kids = OK    Tools = D, H

**Trip 2: Magnetite Ridge, near Tarryall, CO (Park County).** This is a new collecting locality for the Club. It is a few miles north of the Topaz Mtn Claim, just off of Hwy 77 near Tarryall. Material is black magnetite. A preliminary inspection of the locality produced abundant specimens of magnetite, some with occasional, and minor, crystal faces. A total time of only 30 minutes

was spent inspecting the area, with plenty of additional areas of prospective collecting along the ridge. Easy access on BLM land. Good potential for finding faceted magnetite crystals.

**Dist.= approx 125 mi. 4WD = Opt Kids = OK Tools = L**

Camping localities are available adjacent to both the Tourmaline and Magnetite localities. The Tourmaline area has "open" BLM camping. The Magnetite area is only a couple of miles from the Spruce Grove Campground (Forest Service, with fee). I imagine there's also "open" camping in the vicinity. Depending on who, and how many, are interested in "roughing it" with a 1-night campout, a discussion can be forthcoming on where to camp.

Meet at the Subway/Gas Station on the east side of Florissant, CO, (Hwy 24), at **9:30 AM**, on Saturday the 14th.

### **SUN., July 15, TOPAZ MTN Mine, Joe Dorris Claim (north of Lake George).**

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 pay 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 to the finder, or retain as a "company stone". Some stones may be offered to the finder with an option to purchase at wholesale rate (bring check book). If any stones are exceptional, they may be retained by the company.

Although some rakes are available at the location, I suggest bringing 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, your lunch, and sunscreen.

A Waiver Form will be available at the May Meeting. Please take, complete, and bring with you on the field trip. There will also be some available at the collecting site on the day of the trip.

Most everyone is familiar with the location of the mine. If not, please follow the directions below.

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 Tarryall Creek. You should see the brown Forest Service sign marking the road (F. S. Road 211) also known as the Matakak Road. Proceed about 2.5 miles and pass through cattle guard. You are now on Topaz Mountain Gem Mine. Operating sign is posted on fence on your left. Park in pullout on the right, next to Forest Service information sign, or anywhere along the road. Walk up to where operations are going on. You will see plenty of vehicles and people. **Dist = 120 mi. 4WD = Opt Kids = Sup Tools = D, H**

### **Sat., July 21-Sun., July 22, RAMS Club (Mile High Rock and Mineral Society), Picnic, Dig and Campout Invitation.**

The RAMS Club has an Annual Weekend at their Claim near Lake George, and invites another area Club to join them for a fun weekend. This year, they are inviting the LGMC. The official "party" begins at 12-Noon on Saturday the 21st, with the Picnic. They are providing burgers, hot dogs, and brats, plus buns and condiments. Also, they will have pop and iced tea for drinking. All participants are asked to bring a side dish to share (enough for 6-8 people). Also bring any meat you prefer, if it's 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. There should be members of the RAMS Club present. 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, quartz, fluorite, goethite, and possibly topaz. Hard pegmatite digging, so bring appropriate tools. If you're out 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 their Claim on the way to Smoky Hawk. Again, feel free to arrive at whatever time fits your schedule. Campout overnight and dig some more on Sunday.

There are already nearly 35-40 people who responded earlier this year to this trip. The names of these people will be on the sign-up sheet at the May 18th Meeting. Others are welcomed to sign up as well. All that is asked is that you be certain that you can attend. A final total number of participants will be given to the RAMS people by mid-late June, so they can plan accordingly for the amount of food 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). Hope you can make it. Should be a really fun weekend!

### **Sat., July 28 - Mon., July 30, Montana collecting areas (Crystal**

**Peak, etc.)--PART II.** Trip leaders Lynette Warren (28th-29th), Ed & Susan Wakefield (29-30th). Two more, short, Montana trips.....both only a couple of days. If interested, find trip leaders in Club Directory and contact them for additional information.

**Sat.-Sun., August 4-5, Coffee Pot Springs, near Dotsero, CO.** Trip leader Jim Hooten (303-770-7177). Pseudomorphs of goethite after pyrite, plus fossil collecting in the area, plus hydrothermal(?) quartz crystals. Brachiopods, clams, and other Pennsylvanian-aged fossils in local limestone quarries. Campsites for overnight campers (fee), or "open" camping (no fee). Allow at least 3 – 3 ½ hours drive time 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 problems 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 Forest Service campsite, the Coffee Pot Springs Campground (fee required) is another 4-5 miles on down this 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). Some people usually go up on Friday, so a sign will 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 and good companionship. Singing optional, but story-telling encouraged. Map at May meeting.



Dist = 150 mi.      4WD = Opt – Rec      Kids = OK      Tools = L, D      Camping = OK

## **Thurs.-Sun., Aug. 9-12, 32nd Annual Contin' Tail Mineral Show (Buena Vista)**

**Sat., Aug. 11, Sedalia Copper Mine (near Salida, CO).** Trip leader Jim Hooten (303-770-7177). Trip to old mine ruins near Salida, CO to collect 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's a rigorous hike up, and back down (especially with a backpack full of 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. Will caravan from there to old mine area. Bring lunch and plenty of water and sunscreen. Map at May meeting.

Dist = 150 mi      4WD = Rec      Kids = OK (supervised)      Tools = L,D,H

## **Sun., Aug. 19, LGMC ANNUAL SUMMER PICNIC & GRAB BAG STUFFING PARTY (see write up in Summer Newsletter).**

**Sat., Aug. 25, Hartsel Barite Area, near Hartsel, CO.** Trip leader Jim Hooten (303-770-7177 or cell 303-548-7412). Clear to blue to opaque barite crystals. Fun trip and everyone guaranteed to leave with a bag full of barite. Meet at **10:00 AM** at Bayou Salado Trading Post in Hartsel. Will check in with owners, Dave & Lark Harvey, and then caravan to collection location. Bring lunch, plenty of water, sun screen and insect spray. Map and instructions at May meeting.

Dist = 140 mi.      4WD = Opt      Kids = Sup      Tools = D, L

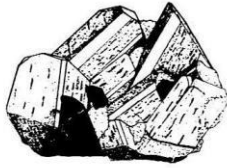
## **Fri., Aug 24 - Sun., Aug 26, Del Norte Geodes/Agates, near Del Norte, CO.**

Trip leader Dale Gann (720-981-5526, [GatorGann@msn.com](mailto:GatorGann@msn.com)). Dale is leading a trip to collect Agate Thunder Eggs near House Log Creek (Twin Mountains), northwest of Del Norte. He may be heading down as early as Thursday the 23rd. For those interested, contact Dale, or listen to his description of the trip at the May 18th Founder's Day Meeting. Map will be provided.

## **Sat., Sept. 8, Red Feather Lakes (Purple Dragon Claim) (north of Ft. Collins).**

Trip leader Jim Hooten (303-770-7177). Amethyst quartz, iron-stained quartz, clear quartz. Thanks to new owners, Mandi and William Hutchinson, for again allowing us to schedule this trip to their claim. The Club 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 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 mi.      4WD = Opt      Kids = Sup      Tools = D, H



# Friends of Mineralogy, Colorado Chapter-**Silent Auction**

**Sunday, May 20, 2018**

**Setup begins 10:30 a.m., Auction begins at 12 noon  
Clements Community Center, 1580 Yarrow St., Lakewood CO**

**All are invited to come & bring material to sell, and to bid on items**

**Friends of Mineralogy, Colorado Chapter is having its silent auction** of mineral specimens, rocks, fossils, books, faceted stones, jewelry, lapidary pieces and mining memorabilia. Please bring your auction materials for setup beginning at 10.30 AM. All (members or not) are invited to bring specimens to sell, and to participate as bidders/buyers. Items brought to the auction may be designated as a 20%, 50%, or 100% donation to FMCC.

Time: Our auction will be on **SUNDAY, May 20** (new day & weekend from last year!); setup will begin at 10:30 a.m., auction to begin at 12 noon, a live auction of special items will begin at 1 p.m., all tables will be closed by 3:00 p.m., and checkout should be completed by 4:00 p.m.

Location: Clements Community Center, 1580 Yarrow St., Lakewood, located one block northwest of the intersection of West Colfax Ave. and Wadsworth Blvd. The entrance and parking lot are off Yarrow Street, on the south side of the building. Go north on Yarrow Street from Colfax.



Auction bid slips are attached on a separate page, and will also be available at the auction during setup. Sellers can also get copies of our bidding slips at our website:

[www.friendsofmineralogycolorado.org](http://www.friendsofmineralogycolorado.org) *Note to sellers, PLEASE use our current bidding slips, not old ones which may differ, from previous years. Thank you!*

Any questions about the auction should be directed to Jeff Self, 303-898-7539, selfawareminerals@gmail.com, or Pete Modreski, pmodreski@aol.com, 720-205-2553. To be assigned a seller / bidder number in advance, please contact Lou Conti, dlconti@aol.com, 303-797-3205.

## **38th Annual Gem and Mineral Show Rushmore Plaza Civic Center Barnett Arena in Rapid City, SD**

Field Trips for the 2018 Show - Here are four planned trips. There should be more forthcoming as we move closer to the show date.

Wednesday July 18, 2018 – Antelope Ridge

This is an easy walking area and is very accessible from the road. You will find sponge coral on this field trip. Departure time to be determined.

Thursday July 19, 2018 – Black Hills National Forest / Hill City area

This field trip is centered around the Hill City region. It consists of two parts where each part explores distinct geological activity all within several mile radius. The region is in close proximity to Mount Rushmore National Park; the trip locations, however, are located with the Black Hills National Forest. The first stop will be Blackberry Trail. This is a contact metamorphic region where most of the Cambrian rock has been upthrust and metamorphosed through heat and pressure. One should expect to find pyrite, feldspar, mica schist, mica and biotite as well as some other metamorphic materials along a stream bed. The trails are somewhat rugged. Hiking boots and jeans suggested.

The second stop will be sand caves. Aptly, no formal name for the spot, but a favorite where trilobites of Cambrian origin can be found. This was a site intended to mine fracking sand, however, the sand particles did not meet the specifications and tunneling was discontinued. Several short, interconnected caves are present and some rough terrain hiking can be had. Hiking boots and jeans suggested; bring a high intensity flashlight for photography.

The rally point will be the Civic Center parking lot 0800. Expect to depart by 0830. Maps will be handed out prior to departing.

Monday July 23, 2018– Railroad Butte/Farmingdale

Farmingdale is about 25 minutes east of Rapid City and is part of the National Grasslands recreation areas. You will be able to find agates (prairie agates and possibly one of those illusive Fairburn agates), coral, petrified wood, chalcedony and other treasures. The area is accessible by car, but if the weather has been on the wet side, you will want to make sure that you keep your vehicle on the trails or in the gravel parking areas. Since this area is prairie and our summers can be quite warm, remember to bring water for drinking and a spray bottle with sufficient water to bring out the ‘color’ in your finds. Sturdy shoes and jeans are also recommended because there can be knee high grass and the slithery creatures that reside in the grasslands. We will meet at the Civic Center at 8am and depart at 8:30am. Maps will be provided at the Civic Center on the day of the field trip.

If you have a smart phone and would like to download a map of the National Grasslands area, download the “Avenza” app and download the Buffalo Gap NG – Fall River Ranger District MVUM map.

Tuesday July 24, 2018 – Conata

Some of the things you will be able to find on the field trip to Conata Basin are prairie agates, petrified wood, Fairburn agates, coral and a lot of other beautiful rocks. Meeting time has not been determined. More information forthcoming.

**Be safe and Be kind to the land**

**Bring water to drink, food to eat, chairs to rest, sunscreen to not burn, tools, buckets and anything else you might need.**

# Littleton Gem & Mineral Club

## Silent and Verbal Auction

October 20, 2018

12 pm to checkout

Columbine Hills Church

9700 Coal Mine Ave, Littleton, CO 80123

*Free Admission, Parking & Refreshments*



- *Gems*
- *Minerals*
- *Jewelry*
- *Fossils*
- *Lapidary Equipment & Materials*
- *Books*
- *Verbal Auction of High Quality Specimens Donated by Select Dealers and Organizations*
- *Special Gem and Mineral Table for Children Only*

**We welcome all Non-LGMC Members  
to participate in this auction as Sellers and Buyers.**

Want to learn more about Littleton Gem & Mineral Club? Visit our website at  
([www.littleongemandmineralclub.com](http://www.littleongemandmineralclub.com))



I will plan to publish a reminder for the LGMC Summer Picnic in August. Other than that, I will not be available to send notices to the club for the summer. If you need to send a message to the club, let me know, and I will be glad to explain the simple procedure for doing that.

Thank you to everyone who contributed to the newsletter!

~Steve

P.O. Box 283, Littleton, CO 80160

Established 1960

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

⌘ 2018 Board of Trustees ⌘

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“ “	<i>John Revis</i>	720-569-6685
“ “	<i>John Kleber</i>	720-851-8510
Mineral Study Group	<i>Nick North</i>	303-840-1177

**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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