

# The Lake George Gem and Mineral Club -

## Club News

## August, 2016



Our meeting on Saturday August 13 will be a short business meeting followed by the group of volunteers who signed up with **Don Keith** going over to the show site to mark out the field. **There will not be a regular program or field trip on the 13th.**

We have ordered "Lake George Gem & Mineral Show" T-shirts with the club logo in sizes L and XL, which will be on sale during the show for \$15. We will keep appropriate change and a list of sales at the Club Booth during the show days.

**Don and Bev Keith**, who are in charge of show volunteers, sent this update of "Help Wanted" at the show. Please check your schedule and see whether you can help out—our members make the show happen!

### UPDATE FOR VOLUNTEERS LAKE GEORGE SHOW 8/19-21

Hello Fellow Club Members,

We are the Volunteer Coordinators for the Lake George Show. Many of you have contacted us and have volunteered to help with the show. On behalf of the club, we thank you! Once again, we are contacting members because additional volunteers are still needed for the successful running of the show. **Please see below listing for the slots and times that are still open for volunteers (listing as of Monday morning 8/1).** If you wish to volunteer, please contact us:

Don & Beverly Keith [dkeith81212@yahoo.com](mailto:dkeith81212@yahoo.com) or 719 275-5080. Thank you!

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#### 1. Club Tent Host(s):

Sunday, August 21: One volunteer 11am-1pm; Two volunteers 3pm-5pm

#### 2. Parking Helper(s):

Friday, August 19: Two volunteers 1pm-3pm; One volunteer 3pm-5pm

Saturday, August 20: Two volunteers 3pm-5pm

Sunday, August 21: Two volunteers 1pm-3pm and Two volunteers 3pm-5pm

#### 3. Show Tear Down: Sunday, August 21, After 5pm: One volunteer

**Volunteers are urgently needed for the following. If you have questions, please contact: Steve Woje [stevenwoje@gmail.com](mailto:stevenwoje@gmail.com) 719 258-8293**

#### 1. Jumpstart Daylight Hours, Dealer Greeters:

Tuesday, August 16: One volunteer 9am-1pm; and One volunteer 1pm-5pm

Wednesday, August 17: One volunteer 9am-1pm; and One volunteer 1pm-5pm

Thursday, August 18: One volunteer 9am-1pm; and One volunteer 1pm-5pm

**RESPONSIBILITIES:** Greet vendors and direct to field location (map provided). Answer general questions about the Lake George Area. Guide vendors to various area stores if required. Provide general help.

**2. Jumpstart Evening/Night Hours, Dealer Greeters, 5pm-9am:**

Tuesday, August 16: Two volunteers

Wednesday, August 17: Two volunteers

Thursday, August 18: Two volunteers

Friday, August 19: Two volunteers

**RESPONSIBILITIES:** Greet vendors and direct to field location (map provided). Answer general questions about the Lake George Area. Guide vendors to various area stores if required. Provide general help.

## 17th Annual Lake George Gem & Mineral SHOW!



[www.LGGMclub.org](http://www.LGGMclub.org)

**AUG. 19-20-21, 2016** 9aM-5pM

**FREE Admission! FREE Parking!!**

Located in beautiful  
**Lake George, Colorado** on Hwy 24

*Local Specimens, Rocks,  
Minerals, Fossils, Gems, Beads,  
Jewelry, Lapidary & More!*



Scan to view our Website!

### Coming Events

✓ ✓ Several mineral, fossil, and geology clubs meet relatively nearby and encourage visitors. These include:

>**Cañon City Geology Club**, meets on the 2<sup>nd</sup> Monday of the month at 6PM in the United Methodist Church, Cañon City;

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>**Colorado Springs Mineralogical Society**, meets on the 3<sup>rd</sup> Thursday of each month at 7PM in the Colorado Springs Senior Center, 1514 N. Hancock Ave., Colorado Springs;

>**Columbine Gem & Mineral Society**, meets on the 2<sup>nd</sup> Thursday of each month, 6:30PM in the meeting room, Mt. Shavano Manor, 525 W. 16<sup>th</sup> (at J St.), Salida;

>**Pueblo Rockhounds**, meets on the 3<sup>rd</sup> Thursday of each month at 6:30PM in the Westminster Presbyterian Church, 10 University Circle, Pueblo.

✓ ✓ **Pete Modreski** sent notices of the following upcoming events:

**Aug. 5-7, Creede Rock & Mineral Show**, at the Creede Underground Mining Museum and Community Center, Creede, Mineral County, CO. 10 a.m. – 5 p.m. daily; see <http://creederocks.com/> .

**Aug. 12-14, Contin-Tail Gem & Mineral Show**, Buena Vista Rodeo Grounds, Buena Vista, CO

**Sat., Aug. 13, 10 a.m. – 2 p.m., Dinosaur Discovery Day** at Dinosaur Ridge, 16831 W. Alameda Parkway, Morrison, CO. Featuring “Reptile and Bird Day”. See <http://dinoridge.org/DDD.html> .

**Aug. 18-21, Woodland Park Rock, Gem, & Jewelry Show**, Woodland Park, CO; see <https://www.facebook.com/woodlandparkrockandgemshow/>

**Aug. 19-21, Lake George Gem & Mineral Club annual show, Lake George, CO (details later)**

The following are all parts of the annual Denver show:

**Sept. 9-16, Denver Expo Gem Show**, National Western Complex, Expo Hall.

**Sept. 10-18, Coliseum Mineral, Fossil, & Gem Show**, Denver Coliseum.

**Sept. 10-18, Miners' Coop Mineral Show**, Denver Coliseum parking lot.

**Sept. 11-18, Colorado Mineral and Fossil Show**, Ramada Plaza Motel.

**Sept. 14-17, Denver Fine Mineral Show**, Marriott Denver West.

**Sept. 15-18, International Gem & Jewelry Show**, Denver Mart, Pavilion Bldg.

**Sept. 16-18, Denver Gem & Mineral Show** (this is the “main show”), Denver Mart, Expo Hall (admission charge).

✓ ✓ Newmont Mining recently announced the start of work on a new overlook that will provide the public with access to a spectacular view of the CC&V Gold Mine. Located just north of the Wild Horse Extension surface mine, on Teller Co. Route 82 (between CO 67 and TCR 81), the overlook will allow visitors to watch haul trucks, mine shovels, and production blast drills, as well as providing scenic views of the historic area known as Grassy Valley. The location is a quarter mile east of the Hoosier complex (which is also the trailhead for the Gold Camp Trail through Cripple Creek's famous Poverty Gulch).

Work on the overlook should take 4 to 6 weeks. Watch for the upcoming ribbon-cutting ceremony and official opening this fall.

✓ ✓ **Glenn and Rita Stubert** sent some photos of Club outings to the Smoky Hawk mine and Breckenridge:



Breckenridge quartz locality.



Smoky Hawk excavation.



Smoky Hawk, July, 2016. Stubert Photos.

✓ ✓ Stephen Avery sent this photo of quartz crystals he collected on the Devils Head trip:



✓ ✓ Club hats are available for \$10. Contact **Bobby Korzekwa** or **John Rakowski** to reserve yours.

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✓ ✓ The following field trips are "on tap" for August through September. To register, you need to follow instructions received by e-mail (**note:** some trips have limits on attendance):

**August 6:** Ace in the Hole (smoky quartz, amazonite; **Rich Fretterd, Richard Kawamoto**)

**August 27:** Badger Flats (barite, fluorite, malachite, magnetite; **Linda Watson, Bob Baker**)

**September 3:** Patience/Piety claims (smoky quartz, fluorite, topaz)

✓ ✓ **Membership in the Lake George Gem and Mineral Club is closed for 2016. If you haven't renewed, your next chance to reconnect will be next January.** You are welcome to attend regular Club meetings, but field trips are open only to current members.

✓ ✓ **Steven Veatch** sent the following field-trip schedule for **Pikes Peak Pebble Pups**:

**Aug. 13:** Florissant Fossil Beds (**Steven Veatch, Blake Reher, Jenna Salvat**)

**Sept. 11:** Cave of the Winds (**Steven Veatch, Blake Reher**)

**Sept. 14:** Denver Gem & Mineral Show (presentations by **Jenna Salvat, Jack Shimon, Destin Bogart, and Jerrod and Nathan Gallup** at noon)

**Nov. 12-13:** 37<sup>th</sup> Annual New Mexico Mineral Symposium (presentation by **Ben Elick and Jenna Salvat** on the Mineral Curation Project at the Cripple Creek District Museum)

**Steve also sent the following:** "This is a short note to let you know that the Pebble Pups from the CSMS and Lake George Club will be presenting original research at the Denver Gem Show in September. They speak Saturday at noon. We will also sell the remaining chapbooks to the audience and return that money to the clubs. Also, a CSMS pebble pup is entering a case."

Here is the lineup:

- **JERROD AND NATHAN GALLUP MAMMOTH CAVES**
- **DESTIN BOGART AN OVERVIEW OF DIMORPHODON**
- **JENNA SALVAT A GARDEN OF THE GODS DINOSAUR**
- **JACK SHIMON THE RUDIST FOSSIL STORY**

Please come and support these young scientists."

**The Pebble Pups are launching a new video channel.** Teens are producing and directing this program. A new program will be released each Friday and will feature teens and younger kids hosting and interviewing their peers. Subscribe to our channel and join the Pebble Pup's program: "Stories of the Earth." Here is a link to the first one:

<https://youtu.be/5Yapx8v1sj0>

✓ ✓ Have you ever heard of the rare gemstones taaffeite and musgravite? Did you know that a locality for superb rubies was recently discovered in Madagascar? Articles about these and other recent gem discoveries, as well as a lot of other information about gemstones, can be accessed by signing up for membership in the International Gem Society ([www.GemSociety.org](http://www.GemSociety.org)). Free membership allows you to read many interesting articles like those above; paid membership gives you access to professional information about gemstone pricing and other technical items. I'm enrolled as a free member, and the articles are well written and interesting to the gem enthusiast.

✓ ✓ Organized by the Friends of the Colorado School of Mines Geology Museum, the Colorado Chapter Friends of Mineralogy, and the Denver Region Exploration Geologists Society, the second Eugene E. Foord Pegmatite Symposium was held July 16-19 at Colorado School of Mines and at various field-trip sites. Among the presenters were Lake George Club members **Pete Modreski, Rich Fretterd and Joe Dorris**, and several other Club members were among the organizers. This was a fantastic opportunity to explore current thinking about pegmatites from some true "superstars", including **David London, W.B. Simmons**, and others from around the world.

The proceedings with abstracts book and the field trip guide book **are both digitally available for free** on the Friends of Mineralogy, Colorado Chapter website, publications page.

The specific download links are:

[http://friendsofmineralogycolorado.org/wp-content/uploads/2016/07/Abstract\\_book-Foord\\_pegmatite\\_symposium\\_with\\_covers.pdf](http://friendsofmineralogycolorado.org/wp-content/uploads/2016/07/Abstract_book-Foord_pegmatite_symposium_with_covers.pdf)

[http://friendsofmineralogycolorado.org/wp-content/uploads/2016/07/2016\\_Pegmatite\\_fieldtrip\\_guidebook\\_with\\_covers.pdf](http://friendsofmineralogycolorado.org/wp-content/uploads/2016/07/2016_Pegmatite_fieldtrip_guidebook_with_covers.pdf)

Planning for next year's mineral symposium, which will focus on gold and silver deposits, has already begun.

✓ ✓ **Bob Carnein's** second crystallography class finished up late this spring, with several LGGMC members attending. If there is enough interest, the class may be repeated this winter. If interested, you can contact Bob at [ccarnein@gmail.com](mailto:ccarnein@gmail.com).

✓ ✓ And here is the latest installment of "Bench Tips" by Brad Smith ([www.BradSmithJewelry.com](http://www.BradSmithJewelry.com)):

#### SHEET & WIRE STORAGE

The more you work with jewelry, the more problems you have finding the piece of metal you need. My pieces of sheet were generally stored in various plastic bags, and the wire was in separate coils. Few were marked, so it often took me a while to locate that piece of 26 ga fine sheet I bought last year, especially since I usually take my supplies back and forth to classes.

A tip from a friend helped me organize everything. I bought an expanding file folder from the office supplies store (the kind that has 13 slots and a folding cover) and marked the tabs for each gauge of metal I use. Then I marked all my pieces of sheet with their gauge, put them in plastic bags, marked the gauge on the bag, and popped them into the folder. I usually store coils of wire loose in the folder, but they can also be bagged if you prefer. I use one tab for bezel wire and one for the odd, miscellaneous items.

The resulting folder is really convenient when I want to take my metal out to a class or workshop, and it's colorful enough for me to easily find in the clutter of the shop!



#### LITTLE BALLS

I often use little balls of silver and gold as accent pieces on my designs. They can be made as needed from

pieces of scrap. Cut the scrap into little pieces, put them on a solder pad and melt them with a torch. Then throw the balls into a small cup of pickle.



If you need to make all the balls the same size, you need the same amount of metal to melt each time. The best way to do that is to clip equal lengths of wire.

But there's an easier way to get a good supply of balls. Some casting grain comes in near perfect ball form. Just grab your tweezers and pick out the ones you need. When you need larger quantities of balls, pour the casting grain out onto a baking pan, tilt the pan a bit, and let all the round pieces roll to the bottom. Bag the good ones, and pour the rest back into your bag for casting. Balls can be sorted into different sizes using multiple screens.

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"Bench Tips for Jewelry Making" and "Broom Casting for Creative Jewelry" are available on Amazon

## Notes from the Editor

Bob Carnein, Editor

[ccarnein@gmail.com](mailto:ccarnein@gmail.com)

719-687-2739



Here's a report on the recent excursion to South Park. Thanks to Suzanne Core for giving me a break this month!

## South Park Geology Field Trip

by Suzanne Core

Lake George Gem and Mineral Club

August, 2016

On July 23<sup>rd</sup>, several vehicles converged on Hartsel, Colo., on the first stop of a geology field trip of the South Park area with Texas geologist Donald McGookey, author of "Geologic Wonders of South Park, Colorado."

Cars were connected by walkie-talkies, enabling McGookey to give "running commentary" as we drove from site to site. The field trip covered between 200 and 250 miles, from Hartsel to US285 south to The Castles and then north past Fairplay to Como, after turning west toward Mosquito Pass to view Pennsylvania and London Mountains and Mosquito Ridge.



**Donald McGookey (seated) and trip participants near Trout Creek Pass. Core photo.**

In Hartsel, in eastern South Park, across the road from Bayou Salado Trading Post and easily seen from the highway, is a Jurassic sandstone cropping out atop Precambrian rocks, a rare remnant of the Ancestral Rockies, 320 million years old.

South Park, McGookey said, is a microcosm of all of the Rocky Mountains. The west side is the oldest, then the north, while the east is much younger, at 45 million years, and the south volcanic area is a mere 34 million years old.

We viewed Mississippian limestone on 285 South, as well as Devonian and Ordovician (540 million years old) formations. We stopped at The Castles, formed when a monster volcano blew hot ash and gases across the Front Range from Salida to Castle Rock. An outcrop of black obsidian is seen in the area too.

Moving from volcanic to glaciation formations, toward Mosquito Pass we discussed the Fairplay moraine and the Central Colorado Mineral Belt, before stopping at Pennsylvania and London mountains.

The trip continued up 285 to Como and Elk Horn road to see formations from the Eocene, Precambrian and Cretaceous periods.

Being able to purchase McGookey's book, with its road log, maps, graphs and photos, made it easier to connect what we were seeing as we drove along, and confirm some of the notes we took. McGookey donated a copy to the Lake George Library, and it is sold at the PPHS Museum, in Florissant.

The idea of a walkie-talkie, mostly-driving geology field trip is a new and different one for the LGGMC, as president John Rakowski noted. It was highly informative and entertaining, and I would go again, despite a couple of logistical issues.



**View of the Castles (Core photo)**



**Mosquito Ridge and London Mountain (Core photo)**

The walkie-talkies worked well, but it might have been easier, more fun and less frantic (and easier on our cars) if we had rented a van and gone all together. Sadly, we lost one vehicle in the caravan, probably at Hartsel. That is often a problem with our caravans. If the lead cars do not make certain everyone is in the caravan before taking off at high speeds (60-65 mph), the latter cars too often get left behind and sometimes never catch up. Also, a chain of cars on dusty harsh roads at fairly high speeds is not much fun.

I was also wishing we could have broken this down to two tours, instead of covering so much territory so fast and on one day. As one participant said, "After four hours, my eyes glaze over." Mine, too.

But it was overall very educational and enjoyable! Thanks, John for organizing this one! And thanks, Mr. McGookey for sharing your expertise with us in our own "back yard."

## 2017 Membership Application, Lake George Gem & Mineral Club

Box 171, Lake George, Colorado 80827

[www.LGGMClub.org](http://www.LGGMClub.org)

Date: \_\_\_\_\_ / \_\_\_\_\_ /20\_\_\_\_\_

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

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone (    ) \_\_\_\_\_ - \_\_\_\_\_ Email (please print) \_\_\_\_\_  
(required to receive newsletter and field-trip info)

Names/ages of family members (if family membership) \_\_\_\_\_

Dues for Jan 1 through Dec. 31 each year are as follows (please check membership type):

Individual (18 and over).....\$15.00

Family (includes dependents under age 18).....\$25.00

Dues are due on or before March 31. Members with unpaid dues will be dropped from the roster on April 1.

I agree to abide by the Club constitution, by-laws, and rules regarding field trips and club claim visits.

Signed \_\_\_\_\_ Date: \_\_\_\_\_ / \_\_\_\_\_ /20\_\_\_\_\_

I am or have previously been a member of Lake George Gem & Mineral Club. Yes  No

**My interest areas** include (check all that apply): Minerals ; Fossils ; Lapidary ;  
Micromounts ; Colorado geology ; Pebble Pups (ages 7-17) ; Mining History ;  
Crystallography ; Other \_\_\_\_\_

I am willing to give a talk/presentation to (the Club) or (Pebble Pups) on \_\_\_\_\_  
and/or lead a field trip to (list) \_\_\_\_\_

I am willing to participate/help in the following ways (can choose more than one): Club Officer ;  
Newsletter Editor/Writer ; Local Show>Show committee ; Nominating Committee ;  
Winter Programs Committee ; Field Trips ; Art (badges) ; Membership Coordinator ;  
Website Assistance ; Pebble Pups ; Other (be specific) \_\_\_\_\_

**Questions about the Club or Activities? Visit the website or contact a Club officer.**

Updated 05/01/2015

Lake George Gem & Mineral Club

Lake George Gem and Mineral Club

August, 2016

PO Bo 171  
Lake George, CO 80827



**The Lake George Gem and Mineral Club** is a group of people interested in rocks and minerals, fossils, geography and history of the Pikes Peak/South Park area, Indian artifacts, and the great outdoors. The Club's informational programs and field trips provide opportunities to learn about Earth science, rocks and minerals, lapidary work and jewelry making, and to share information and experiences with other members. Guests are welcome to attend, to see what we are about!

The Club is geared primarily to amateur collectors and artisans, with programs of interest both to beginners and serious amateurs. The Club meets on the second Saturday of each month at the Lake George Community Center, located on the north side of US Highway 24 on the east edge of town, sharing a building with the county highway shops. **In the winter, we meet at 10:00AM. From April through October, we meet at 9:00AM, to allow more time for our field trips.**

Our organization is incorporated under Colorado law as a nonprofit educational organization, and is a member of the Colorado, Rocky Mountain, and American Federations of Mineralogical Societies. We also sponsor an annual Gem and Mineral Show at Lake George, where collectors and others may purchase or sell rocks, minerals, fossils, gems, or jewelry. Annual membership dues (Jan. 1 through Dec. 31) are \$15.00 for an individual (18 and over), and \$25.00 for a family (parents plus dependents under age 18).

### Our Officers for 2016 are:

**John Rakowski**, President  
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