



THE BULLETIN OF THE COLORADO SPRINGS MINERALOGICAL SOCIETY Published Since 1960

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Mineralogical Society  
Founded in 1936

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PICK&PACK

Vol 55 ..... Number 9

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## CSMS General Meeting

**Thursday, November 19th, 7:00 PM**

**This month's speakers are five of our  
Earth Science Scholars**

**Refreshments provided by the Lapidary Group**

## DENVER GEM AND MINERAL SHOW: 2015

Mike Nelson csrockguy@yahoo.com

The 48th edition of the Denver Gem and Mineral Show opened on September 18, 2015. The Show is sponsored by the Greater Denver Area Gem and Mineral Council and is currently housed at the Denver Mart north of downtown and adjacent to I-25 (for easy access). In addition to the "main event" nine other shows are scattered across the city starting on September 11 or 12 and extending to the 20th. There are something like 850 different vendors displaying their wares at the ten shows; however, the "main event" is the show with the competitive cases and displays by various museums and clubs. The street talk is that Denver is the second largest venue after Tucson and one needs all week to visit the several opportunities.

I usually attend the "main event" in order to see the various display cases and ogle at the minerals and wonder why my expeditions have never produced such fine specimens. This year was a little different as my newly replaced knee and my upcoming new hip really slowed down the walking. I was essentially confined to the center stage of the Mart and unable to visit the various hallways with fine mineral and fossil dealers. But, I am hopeful that the new body parts will allow much more mobility in the near future!



Jack Thompson, a longtime member of the Colorado Springs Mineralogical Society is an expert in judging competitive display cases.

The theme for the 48th Show was *Minerals of the Southwest* so I expected numerous specimens of Arizona azurite and malachite; the exhibits did not disappoint. There were several cases displaying minerals from Utah,

(Continued on page 3)

## CSMS Calendar

### November 2015

Tue., **Nov. 3**—**Fossil Group**, 7 p.m., Senior Center. Jerry Suchan 303 648-3410

Thu., **Nov. 5**—**Board Meeting**, 7 p.m., Senior Center.

Tue., **Nov. 10**—**Micromounts**, 7 p.m., Senior Center. Dave Olsen, 719 495-8720

Thu., **Nov. 19**—**Pebble Pups & Juniors**, 5:30- 6:15 p.m., Senior Center. Steven Veatch, 719 748-5010

Thu., **Nov. 19**—**General Assembly**, 7 p.m., Senior Center

Thu., **Nov. 26**—**Crystal Group**, 7 p.m., Senior Center. Kevin Witte, 719 638-7919

Thu., **Nov. 26**—**Faceting Group**, 7 p.m., Senior Center. Paul Berry, 719 578-5466

Appointment Only—**Jewelry Group**, Bill Arnson, 719 337-8070

Appointment Only—**Lapidary Group**, Sharon Holte, 719 217-5683

### December 2015

Tue., **Dec. 1**—**Fossil Group**, 7 p.m., Senior Center. Jerry Suchan 303 648-3410

Thu., **Dec. 3**—**Board Meeting**, 7 p.m., Senior Center.

Tue., **Dec. 8**—**Micromounts**, 7 p.m., Senior Center. Dave Olsen, 719 495-8720

Thu., **Dec., 17**—**Pebble Pups & Juniors**, 5:30- 6:15 p.m., Senior Center. Steven Veatch, 719 748-5010

Thu., **Dec., 17**—**General Assembly**, 7 p.m., Senior Center (Holiday Party—Last name A-L, main dish; M-Z dessert)

Thu., **Dec., 24**—**Crystal Group**, No Meeting. Kevin Witte, 719 638-7919

Thu., **Dec., 24**—**Faceting Group**, No Meeting. Paul Berry, 719 578-5466

Appointment Only—**Jewelry Group**, Bill Arnson, 719 337-8070

Appointment Only—**Lapidary Group**, Sharon Holte, 719 217-5683

The Senior Center is located at **1514 North Hancock** in Colorado Springs. For more information on any of the sub-groups, meetings, and other CSMS valuable information, please visit our website, <http://www.csms.us>

## Other Events of Interest to CSMS Members

Submitted by Pete Modreski

**Nov. 14-15, New Mexico Mineral Symposium, Socorro, NM.** This promises to be an extra good symposium; it will feature a reception for the Grand Opening of the new Mineral Museum (Headen Center) at the NM Bureau of Geology. The featured speaker will be Dr. Robert Cook, "An overview of five great American gold specimen location". The symposium runs from Friday evening (Museum reception) through Sunday afternoon (silent auction), with talks all day Saturday and Sunday morning. See <https://geoinfo.nmt.edu/museum/minsymp/home.cfm> for full details.

**Sun., Nov. 15, 1:00 p.m., Auraria Campus, Science Building, meeting of the FSS (Florissant Scientific Society),** room to be announced, no food (normally the group brings lunch when it meets), Jason Janke, chairman of the Earth and Atmospheric Science Department at Metro State, will discuss **Rock Glaciers**, the topic of his Ph.D. thesis. Our group has become interested in these unusual rock/ice formations after hiking to the rock glacier at Lake Agnes in August. Maybe Jason can answer some of our questions! The FSS is an informal group that meets once a month for either a lecture or a field trip (sometimes, but not necessarily, in Florissant, CO). All are welcome; "membership" simply consists of giving Beth Simmons

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My favorite display was *Minerals and the Instruments used to Study Them* exhibited by Dan and Dianne Kile.

especially large nodules of variscite and crandallite. These two aluminum phosphates are greatly sought after by collectors, especially those collected from the Little Green Monster Claim in Clay Canyon near Fairfield in Utah County. This mine was worked by two collectors with connections to the Colorado Springs Mineral Society---Ed Over and Art Montgomery.

Although I sort of hobbled around the displays I was able to visit a few dealers and make several small purchases. I am always looking for some

special minerals, especially those with nice crystal form and color. Therefore, I was excited to see some specimens collected from Bou Azer, Ouarzazate Province, Morocco. A recent Pick & Pack article (September) described several cobalt minerals that are a bright pink in color. The minerals I purchased (\$5 or less per specimen) include: roselite  $[\text{Ca}_2(\text{Co},\text{Mg})(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}]$ , cobaltoan calcite  $[(\text{Ca},\text{Co})\text{CO}]$  and erythrite  $[\text{Co}_3(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}]$ . Although I had these minerals in my collection, the newly purchased ones are larger and "nicer." All are idiochromatic minerals whereby cobalt, with its distinctive coloration, is included within the crystal lattices.



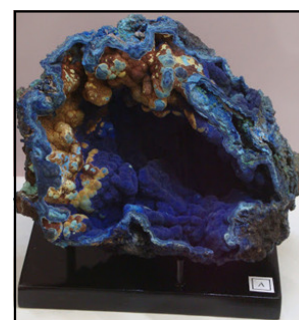
The green to yellow phosphate nodules containing variscite  $[\text{AlPO}_4 \cdot 2\text{H}_2\text{O}]$  and crandallite  $[\text{CaAl}_3(\text{PO}_4)(\text{PO}_3\text{OH})(\text{OH})_6]$  collected from the Little Monster Claim are probably the "best in the world."



I have never collected Arizona Fire Agates but certainly observe such in dealer displays.



Beautiful malachite from the Bisbee Copper Queen Mine.



This specimen came from Arizona and is a great azurite.



I thought this specimen from Bisbee was particularly nice. (Azurite, Malachite, Tenorite w/Iron Oxides)



New Mexico furnished some nice specimens but not many cases dedicated to the state. Certainly this Smithsonite was a nice eye opener.

(Continued on page 4)





A mighty large hunk of turquoise from Cripple, Creek, Colorado.



These Thunder Eggs collected from Little Florida Mountains near Demming, New Mexico, have spectacular colors and patterns.



Nevada is a top gold producing state and specimens were in abundance.



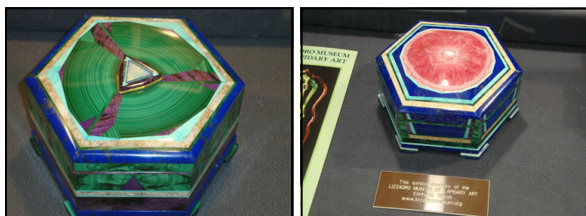
And no Denver Show would be complete without Mr. Bones and Moroccan fossils.



Colbaltoan calcite crystals width ~4 cm. Camera would not pick up the vibrant pink color.



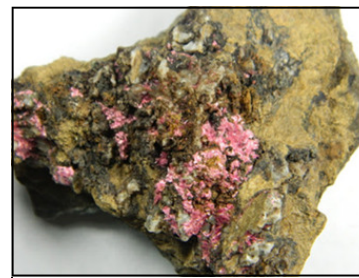
Photomicrograph of pink crystals from previous specimen. Width ~7 mm.



I thought these stone intarsia boxes were absolutely amazing. They were constructed by Nicolai Medvedev and are housed at the Lizardo Museum of Lapidary Arts.



I have never seen such a display of quartz scepters.



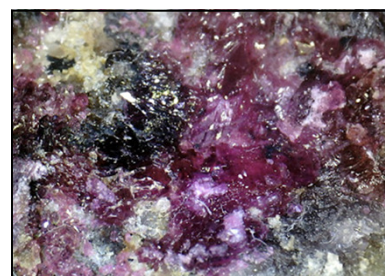
Fibrous erythrite scattered across specimen. Width ~7cm



Nice fibrous erythrite crystals from previous specimen. Width of crystals 1 cm.



Streak of roselite crystals. Width ~4.5 cm.



Photomicrograph roselite crystals from previous specimen. Width ~ 1 cm.

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## Colorado Mountain Memories

By Steven Wade Veatch

While headed for the California Gold Rush of 1849, George Giggey (who was my great-great-grandfather) first made his way through the mountainous and untamed wilderness of what would later become Colorado. He was among a group of young men who were determined to make a new life, fortune, and future in the American West. After working in the California goldfields he turned his attention to Colorado, where he prospected for gold for a while and then returned to the East.

In 1865, George Giggey returned to Colorado with his family of ten children and built a homestead in the wilderness near what would become, in just a few years, the town of Caribou. The town developed around the Caribou silver mine that was discovered by Sam Conger in 1868. George Lytle, one of Conger's partners, was from British Columbia and named the mine after his caribou hunting trips in Canada. By 1870 the Caribou Mine was in full production and was shipping ore down Coon Trail to the nearby settlement of Nederland for processing.

By 1872 the frontier town of Caribou built a much needed schoolhouse. Three of George Giggey's boys attended Caribou's first school session: They were George Leon (my great-grandfather) who was 14 years old; Adelbert, age 7; and Charley who was only 6 years old. I can feel the boy's excitement when they took their seats in the one-room schoolhouse with new furniture, blackboards, maps, globes, and a new teacher—Miss Hannah Spaulding.

During the winter of that first school year in 1872, Caribou's children braved fierce winter storms on their way to school. Brutal winter blizzards and high snowdrifts made this the first and last winter session of school in Caribou. From that time forward, school was held only in the summer months. A miner once told Miss Spaulding that he did not know how long winter lasts in Caribou because he had only been there three years!

To help the schoolhouse resist the powerful winds that constantly blew at Caribou's high elevation, an entire year's supply of fire wood was stacked neatly against the east side of the building, with long poles propped up against the same end for added support. Although this worked against the angry Caribou winds, the town did not plan for a range bull that wandered over to the school one summer day and knocked down a support pole while scratching its back. Without the pole supporting the schoolhouse, a violent gust of wind raised and violently turned the school on its foundation.

This was not the only strange occurrence that happened at the school. Several cows wandered into town one day looking for salt to lick; instead of salt they found some unattended dynamite and ate that—it must have tasted really good. Unfortunately, the cows then wandered over by the schoolhouse where they bloated up and died—scaring the students. I can imagine the Giggey brothers looking out of the schoolhouse window at this sight.

George Leon Giggey finished what he thought was enough school, and decided to remain in this beautiful land of dark pines and blue sky. In 1881 he married Nancy Chambers, who grew up in the nearby Gold Hill Mining District. She was one of the first children born in Gold Hill. Life was not easy in the mining camps, and mortality was high. Nancy died in 1894. Soon George Leon Giggey fell in love with and married Mary Nelson. He started a second family at the old Giggey ranch near Caribou that included my grandfather, Roland, his brother George, a sister, Mary, and another sister Alice who died at birth.

George Leon Giggey moved his second family from the old Giggey ranch to Nederland in 1908 so that my grandfather and his brother and sister could attend school. George Leon Giggey built the family house in Nederland, hauling the large timbers down from the mountains with his draft horses. He built a large barn behind the house where he kept horses, a cow, and my grandfather's burrow, Becky. He also built several other out buildings.

By this point in time, Nederland was a thriving trading town for many of the area mines. Nederland's name came from Dutch investors that at one time owned the Caribou Mine and organized the "Mining Company Nederland of the Hague." The Dutch owners built a large mill in Nederland, which treated silver ore hauled in from Caribou. Nederland was also on the edge of a tungsten deposit. Sam Conger, the same prospector who had earlier discovered the Caribou silver mine, developed the tungsten district.

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Tungsten, with the highest melting point of all metals, is an important industrial element. Ferberite is the chief tungsten ore mineral of the Nederland tungsten district, and ranges from massive deposits to well-developed, jet-black crystals in veins that follow area faults.

The veins lie in a narrow zone that begins about four miles west of Boulder and extends west-southwest for 10 miles to Nederland. The tungsten belt grades into gold telluride deposits. Nederland also marks the north end of the Colorado Mineral Belt, a 50-mile wide zone that extends to the southwestern part of the state. This mineral belt contains most of the precious metal deposits in Colorado.

Nederland experienced quite a boom when the price of tungsten soared in 1900 and had another boom during World War I because of the greater demand for tungsten steels. Tungsten was now vital to the country. The Primos Mining and Milling Company and the Wolf Tongue Mining Company became the two major tungsten mining companies in the area. The Wolf Tongue Mining Company consolidated many of the mines around Nederland and also bought the old Caribou Mill in Nederland. The name, Wolf Tongue, came from the modified and abbreviated spelling of wolframite (a tungsten mineral) and tungsten.

My grandfather, Roland, grew up in Nederland during these boom times and watched the town grow from 300 to over 3,000 people. He saw the start of the construction of the Barker Dam and Reservoir in 1907 and the completion of the project in 1910. The Central Colorado Power Company constructed the dam to power a hydroelectric plant. In the winter my grandfather and his friends would play on the solid ice that covered the reservoir. Several times they rigged a sail on their sled that would catch the howling winter winds that moved them over the wind-swept ice.

My grandfather and his brother had many adventures in the early days of Nederland. In the summer and fall my grandfather and his brother would take off into the woods and cut aspen trees and haul them into town where they sold them as firewood. A local bakery preferred to burn aspen logs in the ovens and remained a steady customer for the two boys. One day, the boys had to look inside, and were duty-bound to grab a stick of dynamite from the shed and then set it off in a clearing. A loud blast knocked over several trees and left a ringing in their ears. Fortunately, no one was hurt.

The two brothers also liked to take turns riding “Becky” the burrow as they explored the area mining camps. My grandfather used to tell the story of visiting an English prospector who lived in a tent with a wooden floor. The tent was well furnished and was heated with a pot-bellied stove in the winter. The Englishman, always neatly dressed, enjoyed visiting with my grandfather in those early days. The English prospector told my grandfather about England and other exotic places. The Englishman had a number of books on history, literature, and other subjects. He took time to tell my grandfather about the books and how important they were—that they could truly be transformative. I believe this was the point in time that sparked my grandfather’s quest of life-long learning.

My grandfather and his friends liked to spend a lot of time at the Tanner Brother’s grocery store looking everything over. One day in 1910, while at the grocery store, they heard a large commotion in the street. When they ran outside to investigate they saw a Stanley Steamer coming up Main Street. Nothing like this had ever been seen before: It was an automobile that ran on steam.

Prosperity in Nederland brought the extraordinary Fatty Mills movie theater to Nederland. N.M. “Fatty” Mills left the mining town of Eldora after the gold ore began to play out and came to Nederland in 1909. Fatty started his theater in a white frame building on Main Street. Beautiful mountain scenes were painted on the walls on either side of the sloping floor. At the end of each show a painted curtain slowly lowered over the screen. The theater was a busy place; Fatty ran two shows each night and two matinees each week. Fatty Mills, who weighed 300 pounds and smoked a corn cob pipe, was very popular with the kids of Nederland. My grandfather turned the crank on the projector and received five cents for each performance, so he got to see the movies for free and make some valuable money at the time. Mills remained in business until his death 20 years later.

The deadly flu epidemic gripped Nederland in 1917. My grandfather’s brother George came home from work not feeling well and made it as far as the couch. He died that night. The mountain winds wept that night, as did my grandfather. George never had a chance to make it to Nederland’s Antlers Hotel, which had been converted to a hospital to help the stricken citizens of Nederland recover. George died with seven dollars in his wallet. My grandfather carried them in his wallet for the rest of his life.

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In 1919 Mary Nelson Giggey and her two children moved to Boulder where my grandfather went to the Boulder Business College. His father, George Leon Giggey, remained for a while in Nederland as a teamster and played the fiddle on Saturday nights at the local dances. Now these dances were big affairs, and brought men and women from not only the town but surrounding mining camps, ranches, and homesteads. George Leon Giggey later left Nederland and went to Dove Creek, Colorado where he took up ranching and started another family.

My grandfather later moved to Colorado Springs, at the foot of Pikes Peak, and worked for Spencer Penrose at the Broadmoor Hotel as his private secretary, and remained working at the hotel until he retired in 1965. Spencer Penrose made his first fortune in Cripple Creek's gold and then another fabulous fortune from Bingham Canyon's copper. My grandfather often said he had the best job in the United States. My grandfather lived an epic life and moved in rarefied circles.

In the seasons that followed, my grandfather returned to Nederland many times to see how the town had changed from his boyhood days. He first brought my mother to Nederland several times, sharing his many memories with her. When my mother went to Nederland as a young girl she enjoyed the Sunday horse shows at the Lazy W cattle ranch. She would sit in the bleachers and watch Zarife perform—a purebred Arabian horse from Egypt. The Lazy W Cattle ranch held these entertaining horse shows for a long time.

In his later years, my grandfather passed down his Nederland memories to his two grandchildren, Steven and Greg Veatch. On each trip through Boulder Canyon on the way to Nederland he always pointed out the "Perfect Tree" to his grandchildren. The "Perfect Tree" was an 80-foot tall blue spruce that had perfect symmetry. My grandfather had watched the tree since he was a boy, and seeing the tree each time brought back many memories of his early days in the mountains and the town of Nederland. Today the "Perfect Tree" is gone, but I still remember it clearly and the warm, untroubled trips with my grandfather.

Today, only an old cabin and two stone foundations remain at the Caribou town site where the first generation of Colorado Giggey children went to school. One foundation is the Donnelly general store. The other stone foundation is Werley's saloon that was once complete with pool tables, beer, and fights. Although many things have changed, some things remain the same.

Mining and exploratory work continues at Caribou just as it did over 130 years ago. In fact, Tom Hendricks, who has been working the Caribou property, has sold out to Calais Resources, a gold and silver mining firm headquartered in British Columbia.

In Nederland, there is an empty spot on the street today where my grandfather's home once stood. It burned down in a fire a few years ago. Fortunately, one of my great-grandfather's buildings was removed in the early 1940s. It was moved near Divide, Colorado to a fishing club called Ute Lakes. Over the years other rooms were added to it. Today this old out building has been remodeled and is the kitchen to my cabin.

But there is more going on in Nederland than just reminiscing. The town is once again starting to bustle because of tourism and people moving into the area that desire to live in a small mountain community. Although my family is gone from this area, I think they can be proud of the part they played in the settlement of the American West.



Remnants of mining remind us of Colorado's rich mining heritage and its impact on the building of a nation. Original watercolor by Steven W. Veatch

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([cloverknoll@comcast.net](mailto:cloverknoll@comcast.net)) your email address, and you will be informed of each meeting. [Park in campus Lot M, reached off southbound Speer Blvd. See Beth for more exact directions.]

**Tues., Nov. 17, 6:00 p.m., After the Storm; Charting a Career in Minerals Exploration into the Next 20 Years;** Auraria Campus Science Building, Room 1067, Denver CO. "Please join us for a free dinner & seminar by Ken Witherly, President of Condor Consulting." No charge and all are welcome, but please RSVP to reserve a space via [www.condor.rsvpify.com](http://www.condor.rsvpify.com). Sponsored by the MSU (Metro State University) Denver Geoscience Organizations: AAPG (American Association of Petroleum Geologists), AIPG (American Institute of Professional Geologists), and GSA (Geoscience Association).

**Thurs., Nov. 19, 7:00 p.m.,** Colorado Scientific Society, "**The variability of hydrothermal ore deposits in the North American Cordilleran orogenic belt - insights into metallogeny from ore fluid analysis**", by John Ridley, Colorado State University. Shepherd of the Hills Presbyterian Church, 11500 W. 20th Ave., Lakewood. All are welcome. See <http://www.coloscisoc.org/>.

**Thurs., Nov. 19, 7:30 p.m., Friends of Mineralogy, Colorado Chapter** bimonthly meeting; speaker, **Dan Wray, Cave Minerals in 3-D.** Denver Museum of Nature & Science, in the "Africa Station" room, 3rd floor; no charge and all are welcome. See <http://friendsofmineralogycolorado.org/>.

**Fri., Nov. 20, 8 a.m. to 4 p.m., Colorado Science Conference for Professional Development** (a.k.a. Colorado Science Teachers' Conference), held at the Denver Mart, 58<sup>th</sup> Ave. at I-25. The year's major educational conference for all fields of science teachers in Colorado. See <http://coloradoscience.org/> for full information about registration and presentations. The keynote presentation, "The Power of Place: Children, Education, and Nature in the 21st Century", will be by Dr. Scott Sampson of the Denver Museum of Nature and Science, author of "How to Raise a Wild Child" as well as "Dinosaur Odyssey: Fossil Threads in the Web of Life". Some 100+ other presentation sessions will be given, plus exhibits and networking opportunities. Anyone interested in science education topics is invited to attend the conference, whether or not they are involved in formal K-12 education.

**Fri., Nov. 20, 8:00 p.m.,** at the monthly meeting of the Mile Hi RAMS (Rock And Mineral Society), "**Pegmatite mineralogy and analysis with hands on demo of XRF and micro-Raman spectroscopy**" by Dr. Markus Raschke, Professor of Physics and Chemistry, University of Colorado. The meeting is in Berthoud Hall (corner of Illinois & 16th St.), Room BE 108-109, Colorado School of Mines campus, Golden, CO; the society business meeting begins at 7:30 p.m. All are welcome to attend. It sounds like this may be an opportunity to bring a puzzling specimen or two of your own, to get an on-the-spot partial chemical analysis via XRF or attempted mineral identification via Raman spectra!

**Sat., Nov. 21, Littleton Gem & Mineral Club Silent Auction** (all are welcome!). Columbine Hills Church, 9700 Old Coal Mine Avenue, Littleton, CO. "Seller set up starts at 11 AM, Silent auction starts at noon, Verbal auction starts at 1 pm; Checkout starts at 3:30 pm,"

**Nov. 20-22, Denver Area Mineral Dealers Public Show**, Jefferson County Fairgrounds. "Open to the public. 23 dealers featuring minerals, fossils, gemstones, jewelry, cabochons, beads, books, carvings and findings. Free admission and plenty of free parking." 10-5 Fri., 10-6 Sat., 11-4 Sun.

**Wed., Nov. 25, 7:00-8:30 p.m., "Non-Dinosaur Reptiles"** at the Dinosaur Ridge Visitor Center (16831 W. Alameda Parkway, Morrison, C-470 and Alameda Parkway). A free evening lecture on critters that often times get mixed up and called dinosaurs, even though they aren't. Learn about flying and swimming reptiles, crocodilians and their relatives, and how these animals certainly aren't dinosaurs even though they were alive at the same time. Come on over this evening to see a presentation done by Erin LaCount on dinosaur cousins and other non-dinosaurian reptiles! Recommended for adults only (12 years and older).

**Dec. 11-13, Flatirons Gem & Mineral Show, "Rocks & Rails"** (the Boulder Model Railroad Club show is combined with the gem & mineral show); Boulder County Fairgrounds, Longmont, CO, 10 a.m. – 5 p.m. each day. We (USGS) will have an exhibit booth at the show.

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**New announcement—upcoming pegmatite symposium, July 2016:** All are invited to attend the “2<sup>nd</sup> Eugene E. Foord Symposium on Pegmatites, Golden Colorado”, to take place on the CSM campus, July 15-19, 2016. There will be a welcoming reception, two days of oral and poster presentations, and two days of field trips to Colorado pegmatite localities. Look for further information on the Friends of the Colorado School of Mines Geology Museum page, <https://www.facebook.com/LikeCSMGeoMuseum/>. Pegmatite researchers from around the country are expected to attend. If you would like to receive future updates about the symposium or would like to offer to present a paper, please contact Mark Jacobson, [markivanjacobson@gmail.com](mailto:markivanjacobson@gmail.com).

***Special exhibits continuing in 2015:***

**The Mining Art of Buck O'Donnell**, special exhibit at the Western Museum of Mining & Industry. “JC (Buck) O'Donnell created a series of pen and ink drawings for various mining related supply and informational magazines during the early to mid-20th century. His work appeared in magazines like Shaft and Development Machines and Machinery Center, Inc. O'Donnell's works served to provide visual evidence of how miners lived, how they worked, and what the western mining boom looked like to those who lived it.” The exhibit opened on Sept. 10; regular admission charge. See [www.wmmi.org](http://www.wmmi.org) for more details.

**Steps in Stone: Walking Through Time**, at the University of Colorado Museum of Natural History, CU campus, Boulder. “A new exhibition that features real fossil tracks and trackways from the University of Colorado Museum of Natural History collections”. Open 9-5 weekdays, 9-4 Saturdays, 10-4 Sundays; closed on university holidays. Exhibit runs through December 2015; see <http://cumuseum.colorado.edu/>.

**Explore Colorado's Mining and Mineral Heritage:** Colorado minerals, gemstones, and mining history material from the Colorado School of Mines Geology Museum and Colorado's State Mineral Collection continues on display on the third floor of the Colorado State Capital Building in Denver, at least through the end of the year. You can explore this online by following this link to the Friends of the CSM Geology Museum facebook page (you don't need to have a personal Facebook account to view this information.):

<https://www.facebook.com/pages/Colorado-Mining-and-Mineral-History-on-Display/358587847669017>

***For more lecture series during the year see:***

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

CSU Dept. of Geoscience Seminars (Fridays, 4 p.m.), see <http://warnercnr.colostate.edu/geo-news-and-events/departement-seminars>

Van Tuyl Lecture Series, Colorado School of Mines, (Tuesdays, 4 p.m.) see [http://inside.mines.edu/GE\\_Lecture-Series](http://inside.mines.edu/GE_Lecture-Series)

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

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

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

Western Interior Paleontology Society (WIPS; Denver Museum of Nature & Science, 1<sup>st</sup> Monday, 7 p.m.), <http://westernpaleo.org/>.

## The Gravel Pit

- ♦ CSMS now has a Facebook page! Please look up Colorado Springs Mineralogical Society on Facebook (<https://www.facebook.com/coloradospringsmineralogicalsociety>), "Like" the page, and then invite others to "Like" it too. We will try to post regular events, updates, photos, meetings and fun stuff too. If you'd like to contribute articles, pictures, meetings or info for posting, please email Deborah Covert at [his.redeemed.daughter@gmail.com](mailto:his.redeemed.daughter@gmail.com). We hope to use this as a way to keep everyone connected in real-time on Facebook.

### 2015 CSMS Officers

**Mark Lemesany, President**  
**Jean Luce, Vice President**  
**Melanie Glascoe, Secretary**  
**Ann Proctor, Treasurer**  
**Lisa Kinder, Editor**  
**Ariel Dickens, Membership Secretary**  
**Doreen Schmidt, Member-at-Large**  
**Yam Yamiolkoski, Member-at-Large**  
**Roger Pittman, Past President**

### 2015 CSMS Chairpersons

**Kim & Bodie Packham, Show Chairs**  
**Sharon Holte, Field Trip Director**  
**TBD, Science Fair Chair**  
**Frank & Ellie Rosenberg, Librarians**  
**Georgia Woodworth, Social Committee**  
**Ann Proctor, Store Keeper**  
**Jackson Pierce, Webmaster**

### Sub-Group Responsibilities for Refreshments for General Assembly Meetings

<b>Feb. Jewelry</b>	<b>Mar. Lapidary</b>	<b>Apr. Micromount</b>
<b>May Board</b>	<b>June Crystal</b>	<b>July Faceting</b>
<b>Aug. Picnic</b>	<b>Sept. Fossil</b>	<b>Oct. Jewelry</b>
<b>Nov. Lapidary</b>	<b>Dec. Christmas Party</b>	

### SECRETARY'S SPOT

Submitted by Doreen Schmidt

### Minutes of the Colorado Springs Mineralogical Society General Meeting—October 15, 2015

The meeting was called to Order at: 7:00PM, by Mark Lemesany - President, followed by the Pledge of Allegiance.

The Program for the evening: South Douglas Creek and Monument Creek Fox Hill Formation, by Jerry Suchan, Fossil Group Leader

Other business:

- ♦ Several members received recognition at the Rocky Mountain Federation Meeting In Cody, WY this past July. Jerry Perkins - honorable mention, Mike Nelson - honorable mention, second place award, and first place award. Kevin Witte and Ellie also received awards. (Yam would have the specifics. I couldn't keep up with all the info.)
- ♦ The nominations for 2016 CSMS board members are open. Norma Rhodes is interested in Newsletter Editor, Sharon Holte—Membership, Jean Luce—President, Lisa Kinder—Vice President, Mark Lemesany—Past President, Yam Yamiolkoski—Secretary, Doreen Schmidt—Member at Large, Mike Luce—Member at Large, Ann Proctor—Treasurer. Installation January 16, 2016.
- ♦ Micromount group is looking for more members.
- ♦ Crystal and Faceting groups meet 4th Thursday of the month at 7:00pm, Fossil group first Tuesday of the month at 7:00pm, Lapidary by appointment with Sharon Holte who has rebuilt, fixed and changed some of the equipment over to oil, Jewelry group by appointment.
- ♦ Ellie and Frank are out of town - no access to library.
- ♦ Christmas Party, bring items to sell, pot luck A-L—Main Dish & M-Z—dessert.
- ♦ Kay Thompson announced Old Colorado Historical Society is looking for new display items from CSMS.
- ♦ Phil Spry - Someone did not come out of the Canon City New Hope Claim with all the others. The rancher is upset. When there are rules, they are serious and need to be followed.
- ♦ Field trip to April Fools Claim Oct 17, meet at Lake George park at 8:30am.
- ♦ Three visitors, one new member attended the meeting.
- ♦ Eight door prizes were given out.

The meeting adjourned at 8:45 pm.



## Our Staff...

**Lisa Kinder—Editor**

We encourage everyone to submit articles, photos, illustrations or observations.

Share your experiences, your new finds, or simply your experience at our last field trip.

Handwrite it, type it, or email it. Format does not matter. All submissions are welcomed. The DEADLINE for items to be included in the next Pick & Pack, is the **21st of the month**

To submit an item:  
For hardcopy photos or articles, mail to the address below or bring them to the General Meeting. All hardcopy photos remain the property of the submitter and will be returned. Electronic photos should be submitted at resolutions above 200 dpi in TIF, BMP, JPG, or PIC format. Articles are preferred in word. Editors will correct font.

E-Mail to:

[csmseditor@hotmail.com](mailto:csmseditor@hotmail.com)

Mail to:

Pick & Pack Editor

PO Box 2

Colorado Springs, CO 80901

The PICK&PACK is published ten (10) times per year (no issues in January or August). Unless otherwise marked, materials from this publication may be reprinted. Please give credit to the author and CSMS PICK&PACK.

## CSMS

**T-Shirts, Badges, and Pins** are available for sale.

If you celebrated a CSMS anniversary in 2013 or 2014, you are eligible for your one year pin award

Please see Storekeeper,  
Ann Proctor

# Classifieds

DECEMBER 12TH, 13TH, & 14TH

Boulder Model Railroad Club 38th Annual

## Model Railroad Show

Model RR Displays

Kids' Layout

Operating Layouts

Raffle for a Complete Train Layout



Vendors for books, videos, apparel, model trains & railroadiana

website: [www.bouldermodelrailroadclub.org](http://www.bouldermodelrailroadclub.org) • Contact Jim Froning 303-823-5531

Flatirons Mineral Club

## Rock & Mineral Show

Displays

Silversmithing

Demonstrations

Classes & Speakers

Kid's Area†

Hourly Door Prizes

Grab Bagst

Grand Prize

†Proceeds go to Scholarships



Dealers selling: rocks, jewelry, fossils, minerals, gems, and tools

website: [bcn.boulder.co.us/community/fmc](http://bcn.boulder.co.us/community/fmc) • Contact: Ray Gilbert 303-774-8468

### PLACE:

Boulder County Fairgrounds

Hover & Nelson Roads, Main Exhibits Building, Longmont, CO

### DATES & TIMES:

Friday, December 12th 10am–5pm

Saturday, December 13th 10am–5pm

Sunday, December 14th 10am–5pm

### ADMISSION:

Friday \$5 • Saturday \$5 • Sunday \$5

Ages 12 & Under: Free with paying adult

Both clubs are non-profit organizations.



## Sangre de Cristo

### Gallery & Rockshop

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## Roots & Rocks

Hydroponic & Organic Garden Center

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## Terra Minerals

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[lisa@terraminerals.net](mailto:lisa@terraminerals.net)  
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### **CSMS is an incorporated nonprofit organization with these goals:**

To promote and disseminate knowledge of the earth sciences, especially as they relate to mineralogy, lapidary, and fossils.

To encourage study, collection, and fashioning of minerals.

To accomplish the same through social meetings, lectures, programs, displays, shows, and field trips.

The Pick & Pack is published 10 times each year to assist and promote the above.

### **Joining the Colorado Springs Mineralogical Society (CSMS):**

Meetings are held the **third (3rd) Thursday of each month**, except January & August, **7:00 p.m.** at the Colorado Springs Senior Center, 1514 North Hancock Ave., Colorado Springs, CO. **Visitors are always welcome.**

CSMS also offers Satellite Group meetings that allow more focused attention in specific areas of our members' interests. Our current Satellite Groups consist of the following: Crystal Study Group, Faceting Group, Fossil Group, Jewelry Group, Lapidary Group, Micromounts Group, and Pebble Pups/Juniors. For details on Satellite Group meetings, check out the calendars on page 2 and the web site.

Yearly dues include 10 issues of the *PICK&PACK*, all field trips (additional fees may be required on some field trips, and members are responsible for all transportation to and from), participation in all Satellite Groups (some groups may request additional fees to help cover resource costs), free admission to the *Western Museum of Mining & Industry*, a year of learning and enjoyment, plus a lifetime of memories.

Individuals—\$30, Family—\$40, Juniors—\$15, Corporate—\$100, \*\*\*\*\*Application is on the web site.

If you are interested in joining CSMS or would like more information, we encourage you to attend our next General Meeting or visit our web site: [www.csms.us](http://www.csms.us).

### **CSMS is a Member of the following organizations:**

American Federation of Mineralogical Societies (AFMS)

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

Rocky Mountain Federation of Mineralogical Societies (RMFMS)

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