



# Colorado Mineral Society Mineral Minutes



Volume 82, Issue 7

October 2018

## President's Message

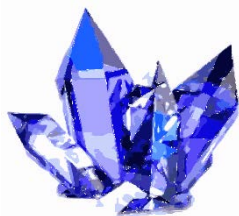
by Debbie Kalscheur

### *CMS Meetings Resume – Welcome Back!*

Autumn is officially upon us and the 2018 dig season is wrapping up as snow comes back to the High Country. It is hard to believe that October is now looming which means the 2018-2019 meeting season is about to begin. I would like to offer a warm welcome to new members. For those who may not know, the CMS meeting season spans October through May with the December meeting reserved for officer elections and the Christmas party. The May meeting is dedicated to the Field Trip overview and sign-up. All other months are “normal” meetings which includes a short business meeting, youth program, hospitality break, raffle, and speaker. CMS meets the first Friday each month during the meeting season; 7:30 pm at St. Paul's Church in Lakewood. We currently have one primary annual fundraising event, the CMS Auction, which is always scheduled for the Saturday directly after the May meeting. The raffle which happens at most CMS meetings also raises funds for education. As the club has grown in recent years, the spaces we have traditionally used for general meetings and for the Auction are becoming too small. As a result, we are exploring new possible venues. Change in venues for any CMS event will be printed in the newsletter and confirmed in advance at meetings.

Since the last newsletter, we have celebrated CMS's 82<sup>nd</sup> anniversary at the Founder's Day Picnic and assisted the Denver Show Committee in putting on this year's Denver Show. Congratulations to all whose specimens were selected for this year's CMS Prospector's Case. CMS was able to maintain its winning streak, earning a 1<sup>st</sup> place award again this year. The success was due to the quality of specimens as well as the case presentation. A BIG Thank You and Congratulations to our Display Chairperson, Chris Keilman, for his hard work in getting the case pulled together and for his ingenious idea of setting the best of CMS collected specimens against the backdrop of the famous Mexican selenite cave. It was the perfect presentation for this year's Show Theme of Mexican Minerals. To the delight of children and parents alike, the cave even included strategically placed workmen, hanging off the walls of the mine... brilliant display! Congratulations, Chris! The theme of next year's Denver Show is Minerals of Canada.

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## Next CMS General Meeting October 5, 2018

The next CMS general meeting will be at St. Paul's Episcopal Church, Lakewood, 7:30pm-9pm. The speaker will be Damon Hauschulz who will be talking about the “Colorado Basement and Large Scale Lapidary”. An abstract of the talk is located on Page 2.

If you ordered CMS T-shirts and did not pick them up in May, they will be available for pickup. CMS also purchased additional T-shirts to sell if you did not get a chance to order. Other items for sale at the meeting will include CMS bumper stickers, patches, and pins; CMS donated specimens; raffle tickets; and Denver Show 50<sup>th</sup> Anniversary books. So, bring your cash or checks.

# October General Meeting Speaker Presentation

## Colorado Basement and Large-Scale Lapidary

Presented by Damon Hauschulz

The talk is about 2/3 geology and 1/3 lapidary. The geological portion is presented as biographical story that traces the journey of a 9 ton gneiss boulder found in Fairplay, CO from its birth in an ancient volcano 1.8 billion years ago to unearthing by a glacier 10-20 thousand years ago. The lapidary portion describes the steps taken to haul the boulder off to a diamond wire saw to be slabbed and made in to a residential floor.



**Figure 1: Candidate boulders in Fairplay, CO**



**Figure 2: Unloading boulder**

My background: I'm half engineer and half artist. I work as a staff research electromechanical engineer at the University of Colorado. Geology is an avocation where I use the science of geology to inform the direction and composition of the art pieces. Two large rock panels are on permanent display inside the University of Colorado Earth Sciences Building.



**Figure 3: Finished "primordial soup" floor**

## President's Message (continued)

In addition to a summer busy with field trips, CMS was also fortunate to receive three separate estate donations. The largest, by far, was the Bob and Mary Disney collection. Bob and his wife were CMS members and served on the Board. They especially enjoyed collecting petrified wood and agate that they cut and polished into slabs. We are in process of cleaning and sorting the collection with expectations that there will be a special rock sale in late October or early November. There will be some amazing deals on lapidary material and a great variety to choose from! Amber will include more details on all of the estate donations inside the newsletter. Thank you to the estate contributors as well as to those club members who have offered their time [and muscles!] to receive and process the donations. A special thanks to James Dennis for helping the club receive the Disney collection.

I am excited for all we have planned and are planning for this coming year. A full program of speakers and education is taking shape. We are again offering a Beginner's Wire Wrapping class as well as a Christmas Gift Advanced Wire Wrap class planned for December. For those who missed the black light flashlight class last year, you may not be out of luck! We are working on the details to see if we can offer the class again. We are hoping to have that confirmed at the October general meeting. Keep tuned to developments on all these fronts. It is going to be a great year for CMS!



## CMS Education Update

The CMS Education Committee is happy to announce the beginning wire wrapping course to be held in November with the advanced wire wrapping course tentatively scheduled for December. This is an opportunity to learn how to wrap your own material you found out in the field or minerals you have acquired some other way.

We are pleased that Susan Gardner, Owner/Designer/Creator of Perfectly Twisted Jewelry, will be our instructor for the wire wrapping classes. Susan has been creating jewelry for 12 years, teaching wire wrapping and creating jewelry full-time for the last 5 years. Her passion for the art is contagious and we are thrilled she is excited to share her passions [and skills] with CMS! Please check out her work at the following links:



### PerfectlyTwisted

Handmade Wire Wrapped & Beaded Jewelry

2487 Sales | On Etsy since 2008

★★★★★ (511)

Favorite shop (4944)

Facebook | Spotify | SoundCloud | Twitter

<http://www.etsy.com/shop/PerfectlyTwisted>

<http://perfectlytwistedjewelry.blogspot.com/>

General details for the beginning wire wrapping class: there is a minimum of 10 students per 2-week course and a maximum of 15. Minimum age to participate is 12 years old. All participants must be members of CMS as the course cost will be supplemented by the club. Students will pay \$30 per course (2 classes per course) with CMS paying the other half of the costs.

The official sign-up for the November wire-wrapping class will be at the CMS October 5<sup>th</sup> meeting. Payment is required to hold a spot. Please plan to pay by check, made out to the Colorado Mineral Society. If you cannot make the October 5<sup>th</sup> meeting, please email Ben Geller and you can make arrangements to mail a check to the CMS PO Box (P.O. Box 280755, Lakewood, Colorado 80228-0755). Spots will not be confirmed until payment is received by the CMS Education Committee. The curriculum is listed on the next page.





## CMS Education Update (continued)

### November Basic Wire Wrapping Class – Pendant

Meeting Location: St. Paul's in Lakewood (10<sup>th</sup> and Garrison) – classroom to be confirmed

November 5<sup>th</sup> 6:30 pm to 9 pm ... Part 1, Basic Skills,

1. Introduction to hand tools used in wire wrapping
2. Presentation of how to measure and prepare wires
3. Review of kit and class project (pendant)
4. Hands on: begin to wrap and get midway through class project

November 12<sup>th</sup> 6:30 pm to 9 pm ... Part 2, Completion of Pendant

**\*\*Please note:** Students must bring back project from 1<sup>st</sup> class

5. Review of skills from previous class – answer questions
6. Introduction of the reversible bale – finishing techniques for pendant
7. Remaining instruction for completing pendant – some students may finish



### Project kit:

Each student will receive a kit to be used for the class project (pendant) as part of the per student cost. Kit includes the following: 12 feet of 21g square copper wires, 6 feet of 21g half round copper wires, PDF Tutorial document for home reference, printed “short form” outline for classroom and home use, and one small cabochon. Students are welcome and encouraged to bring their own beautiful stone to wrap during class.

Please Note: if you are interested in upgrading your kit to sterling silver wire instead of copper, you may do so for an additional \$15. You will be asked upon signing up for class if you wish to upgrade. The additional \$15 will be collected first day of class. The sterling silver wire provided in the upgrade will be enough for 1 pendant – up to a 3 X 3 inch stone.

### Tools:

Susan will provide access to 5 toolboxes to be shared during class time. Students who have their own tools or who are interested in purchasing tools prior to class are encouraged to bring them to class. If you have extra tools at home, please bring them to share. The following tools will be used in the class: flush cutters, round nose pliers (smooth surfaces), chain link pliers, nylon jaw pliers (optional). A tool list with purchase options will be provided to confirmed students.

### **Mineral Identification Course**

We have been trying to get the Ed Raines' Mineral Identification course together for some time now and this may be possible in the Spring, so stay tuned to the newsletter for additional information. If you have any ideas for classes or are interested in teaching a class (or know someone who is), please email Ben Geller or find him at the general meetings to discuss further.

**GEM & MINERAL SHOW**  
**NOVEMBER 16-18, 2018**  
Jefferson County Fairgrounds



*Aquamarine  
Schörl  
Namibia*

**Public  
Welcome**

**Free  
Admission  
& Parking**

*Sponsored by Denver Area Mineral Dealers*

**Annual Gem & Mineral Show**  
November 16-18, 2018  
Jefferson County Fairgrounds, Exhibit Halls  
15200 W. 6th Ave., Golden, CO  
Hours: Fri. & Sat. 10 AM - 5 PM, Sun. 11 AM - 4 PM

**Public  
Welcome!**

**Free  
Admission  
and  
Parking!**

**Gems, Jewelry, Carvings, Books**  
Minerals, Fossils, Lapidary

|                           |                               |
|---------------------------|-------------------------------|
| Artisan Jade              | Lithographie                  |
| Black Stone Lapidary      | Mineral Stope                 |
| Bright Star Gemstones     | Morocco's Fossils             |
| Buckskin Booksellers      | Moss Rock Shop                |
| Costigan's Minerals West  | ORCA Gems                     |
| Cut Edge Gems             | O'Dark Thirty Boyz            |
| D & J Rare Gems           | Phantom Minerals              |
| Dan's Used Rocks          | Pinnacle 5 Minerals           |
| Earthstones-The Solitaire | Porter Minerals International |
| G & C Creations           | Prospector's Choice           |
| Hands of Spirit           | riverman Designs              |
| Jensen Meteorites         | Rocky Mtn. Mining             |
| K & M Enterprises         | Spirit Whispers               |

Information: 303-993-6685, 303-986-3647, 303-660-9564



# CMS Founders Day Picnic Recap

**Saturday, September 8th**

The CMS Founders Day Picnic was held on September 8, 2018 at St. Paul's Episcopal Church and there were approximately 40 CMS members in attendance. The picnic featured good food, good conversation, good weather, and above all, lots of great rocks and minerals collected by members on this year's CMS field trips. Bruce and Ben Geller created an online mineral trivia quiz on Mexican minerals that participants could use their cell phone to answer the questions in the quickest time. Gary Rowe put together a mineral ID challenge from minerals collected on field trips this summer. Members who could not attend the picnic made sure their great specimens were present for voting. Selections for the CMS Club Prospectors Case was made. Thank you to all the members who attended the picnic and helped pick the top specimens that were entered into the Club Prospector case. The top three vote getters were:

- 1) Bixbyite from Solar Wind Mine in Utah by Beth Shaw-Randolph (Prospector Case Specimen #1)
- 2) Barite from Weld County, Colorado by Chris Keilman (Prospector Case Specimen #2)
- 3) Fluorite with Barite and Gypsum from Blanchard Mine, New Mexico by Sheryl Kuelper (Prospector Case Specimen #3)

Right: Summer picnic mineral trivia

Below: Specimen entries for competition



Right: Chris Keilman  
in front of the 1<sup>st</sup>  
place Club  
Prospectors case



Photos by Amber Brenzikofer

Below: CMS Club Prospectors case at Denver Gem & Mineral Show



Below: Award ceremony for Club Prospectors Trophy with Debbie Kalschauer, Chris Keilman, and Nick North





# 2018 Denver Gem & Mineral Show Recap

by Amber Brenzikofer

CMS was well represented at the 51st Annual Denver Gem & Mineral Show on September 14-16, 2018 at the Denver Mart Expo Building. Thank you to all the CMS members who volunteered for various show committee positions, including security, admissions, treasurer, setup and take down, etc. A big thank you to Lesley Sebol, a CMS member along with other local clubs, for continuing as the Show Chair; she did a great job!!! Thank you to Gary Borkan for organizing the CMS club table, which included organizing the giveaway minerals, setting up the displays, and coordinating volunteers to man the table throughout the show. Thanks to those members who volunteered at the club table and promoted CMS to prospective members. Fridays are fun when all the school children stop by for a free rock and may need help with their show homework assignments. CMS gave away a ton of great rocks and minerals to kids and adults, so thank you to all those who provided donations for the give-away. A special thanks goes out to Dale and Virginia Block for putting together 500 grab bags on CMS's behalf for this year's show.



Photos by Amber Brenzikofer



CMS club booth with Debbie Kalscheur and Mary Schons



CMS club booth with MistyAnn Bateman, Cailin, and Cailin's friend



Junior Prospector Winners: 1<sup>st</sup> Place: Shealeene Kent (left); 2nd Place: Natalya Kent (center), 3rd Place: Isabella Kent (right)

## Hello Show Volunteers,

I wanted to send out a heartfelt thank you for helping out with our September 2018 Denver Gem and Mineral Show. Your volunteering is greatly appreciated. Without you, we would not have a show. To those of you who also serve on the Show Committee or Council, an extra thank you. This year our show had numerous beautiful exhibits of Mexican minerals as well as many other interesting displays. The gold panning was exciting for the kids, many of whom went home with a gold nugget. The fluorescent room is always a favorite of the kids and adults alike. Our efforts paid off because attendance increased this year. I know our dealers say our show is very well run and that is because of all you do. Next year George Daggett, a member of the Guild, will be the Show Chair and the theme is "Minerals of Canada", although we are putting on our creative thinking caps to produce a more catchy way to phrase it. George will be looking forward to working with all the volunteers next year and I will remain a member of the Show Committee for the benefit of the show. Thanks to all. *Lesley Sebol, 2018 Show Chair*

## Denver Gem & Mineral Show 2018 - Winners in the Special Competitions

**Richard M. Pearl Award:** Robert Thacker (Sapphire, Sri Lanka)

CMS Members

**C. E. Withers Award:** Jim and Gail Spann (A Medley of Mexican Marvels)

2nd Place: Marty Zinn (Minerals of Mexico)

3rd Place: Dan and Dianne Kile (World-wide Minerals)

**Donna Chirnside Memorial Museum Trophy:**

New Mexico Bureau of Geology and Mineral Resources Mineral Museum (Mexican Minerals in New Mexico)

2nd Place: University of Wollongong, Australia (Magnificent Mexican Minerals)

3rd Place: Cincinnati Museum Center (Mexican Calcites)

**Best of Species Trophy:**

**Thumbnail** - Ron and Judy Knoshaug (Acanthite, San Juan de Rayas Mine, Guanajunto, Mexico)

**Toenail** - Paula Presmyk (Polybasite, Fresnillo, Zacatecas, Mexico)

**Miniature** - Ron and Judy Knoshaug (Brochantite, Milpillas Mine, Cuitaca, Sonora, Mexico)

**Cabinet** - Tie: Phil Gregory (Adamite, Ojuela Mine, Durango, Mexico) and  
Robert Thacker (Datolite and Sphalerite, Charcas, San Luis Potosi, Mexico)

**Oversize** - Les Presmyk (Chalcopyrite and Sphalerite, Chihuahua, Mexico)

**Best Fossil:** Nicholas Kimber (Nanotyrannus tooth, Lance Formation, Late Cretaceous, Niobrara County, Wyoming)

**Prospector Trophy:** Randall Kokkinen (Fluorite/Barite, Blanchard Mine, Hansonburg Mining District, New Mexico)

2nd Place: Bill Davis (Fluorite plate, Gila River Fluorite District, Grant County, New Mexico)

3rd Place: Randall Kokkinen (Smoky quartz and Amazonite cluster, Teller County, Colorado)

**Junior Prospector Trophy:** Shealeene Kent (Fluorite, Mt. White, Chaffee County, Colorado)

2nd Place: Natalya Kent (Phenakite, Mt. White, Chaffee County, Colorado)

3rd Place: Isabella Kent (Phenakite, Mt. White, Chaffee County, Colorado)

**Club Prospector Trophy** - Colorado Mineral Society

**Individual Competitive Case Trophies:**

**Thumbnail Pseudomorphs** - Barbara Sky (Masters)

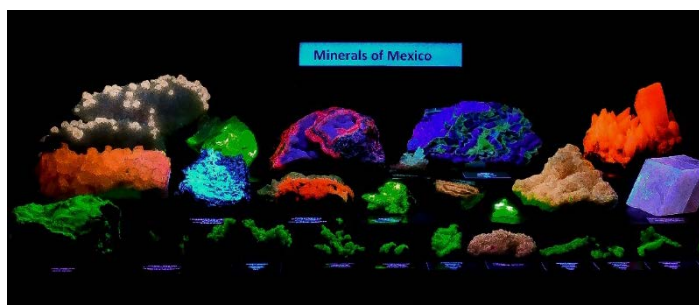
**Worldwide Thumbnails** - Kent Havens (Masters)

**Open Category, Geographical Specialties** - Dale Gann (Advanced, Las Choyas "Coconut" Geodes, Chihuahua, Mexico)

**Fossils, One Rock Unit** - Evan Walsh (Novice, Hells Creek Formation Fossils)

**Educational, General Concept, Fossils** - Nick Warren (Advanced, Stromatolite Impact on Earth Processes)

**Educational, General Concept, Minerals** - Stanley Korzeb (Novice, Supergene Processes)



Fluorescent Room  
Photo credit: Brian Walko

## CMS New Members

### First Listing

Paul and Rebecca Tower & family

*\*Per CMS Bylaws, comments concerning new, first listing members should be formally submitted to the President.*

### Second Listing

Alan and Ariana Blaher & family  
Byron Blailock  
Nathan and Hannah Bouchillon  
Elizabeth Bryant  
Cobus and Sharon Burger & family  
Adam Corcoram  
Andrea and Robert Daihl & family  
Andrew Doden  
Keith Dvorsky  
Holly Eck  
Kim Gower  
Roland and Rebekah Guerra  
Christopher and Christena Kolakowski & family  
Brad Krueger and Logan Person  
Bradley LaFary  
Rachel Lee  
Darlene Loflin & family  
Jim and Shery McCarty

### Second Listing (cont)

Kevin and Tracy McGarey  
Tom Miller  
Taylor Moya and Matthew Guittar  
Jonathan Papes  
Shawn Parker  
Jason Pike  
Kenneth and Eileen Pike  
Sarah Pletcher & family  
Paul Prijatel  
Dan Reisig  
Joe Roberts  
John and Allison Sapuppo & family  
Eric and Taun Shortridge & family  
Alex Smetana  
Michael Souer  
Hunter Tolbert  
Chris Werth  
Michael Wood

## CMS Junior Rockhound Program

by MistyAnn Bateman, Junior Rockhound Coordinator

We will reconvene the Junior Rockhound program at the October 5th general meeting.

### **A Call to All Junior Rockhounds**

I have a challenge for all my junior rockhounds. When we meet in October, bring your favorite specimen for a show and tell. You can also bring photos, drawings, or a story to go with it. We will be displaying them for the club members at the general meeting. Make sure to include a label with the name of specimen (if you know it) and location where it was found. If you don't know what your specimen is, there are lots of people at the meeting who can help to identify it.



## Rockhound Origins

by Linda Anderson

I was introduced to rockhounding by my boyfriend on our first date. We went to Missouri Hill on Monarch Pass and I could barely breathe because of the altitude. I started digging and found clear crystals and green rocks, and I was hooked from then on. I looked for a club to join to be able to continue to rockhound and find different types of rocks and minerals. I joined CMS about 7 years ago and my first CMS field trip was to Crystal Peak and the field trip leader, Sandra Gonzales, made me feel so welcome and inviting to the club. I have learned how to identify crystals and other minerals and enjoy getting outdoors and looking at beautiful scenery. I have taken the wire wrapping classes and will enjoy making jewelry. I look forward to going on more collecting trips and getting involved more in the club events and activities.



# Estate Donations

by Amber Brenzikofer

CMS has received three estate donations of rocks, minerals, and fossils this summer. Here is a little information about the donors. Once all the donations are sorted and priced, CMS will have a huge rock sale at the end of October or early November. Additional information will be emailed out to members and posted on the CMS website. There is literally tons of rocks, minerals, and petrified wood. Some of the nicer specimens will be put in the CMS general meeting raffles and the May CMS auction.

## Muriel Colburn

Muriel Colburn joined CMS in 1947. Her favorite place to go rockhounding was in Jet, Oklahoma for the selenite. Muriel was instrumental in getting the aquamarine designated as the State gemstone. She was once Secretary/Treasurer for the Rocky Mountain Federation and historian for 7 years. She was also Vice President of CMS in 1954 and was one the editors of the CMS history book. One of Muriel's neighbors had the last of Muriel's rock collection in their backyard shed and called CMS to see if we wanted it.

## Bob and Mary Disney

Bob and Mary Disney became interested in rockhounding when Mary's brother, Dick Teilborg, recruited them to work at the Denver Gem & Mineral Show in 1975, since they both had previous trade show experience. That was all it took to get the two interested in rockhounding. Bob and Mary Disney joined CMS and the Gates Club and became very active in both clubs. In CMS, Bob served as 1st Vice President and President in 1980, Hospitality Chairman, and was Editor of the Mineral Minutes for 10 years. He was in charge of Hospitality and Building & Grounds for the Denver Show Committee for about 7 years. He was Representative to and President of the Denver Council. In the Colorado Federation, Bob has been Land Use Coordinator, Vice President, President, and assisted Mary in establishing the annual Contin-Tail. Mary served as CMS President in 1987 and 1988, and may have held other roles in CMS and the Denver Show Committee. Ken Porter recently told me that Mary had the bigger passion for rocks and Bob went along and supported her passion. Bob and Mary's house was recently sold and the new owner contacted CMS to see if we wanted the garage full of rocks because she was going to throw them away. CMS was able to salvage the enormous collection in a weekend before the contractors could get to it.

## John Jezek

John Jezek graduated from Colorado State University in 1978 and worked as Lab Coordinator at the Colorado School of Mines in the mechanical engineering department for twenty-seven years. He retired in January 2016 and passed away in July 2018 from cancer. His many talents in woodworking and designing along with creating astonishingly beautiful jewelry made from rocks he collected were admired by many. His sisters contacted CMS to see about donating his rock collection (rough material, slabs, and cabochons), as well as needing some help selling his rock saws, polishers, and equipment. He has an avid collector of opals and the donation includes many buckets of rough opal and opalized wood. He also had many books that will be donated to the Colorado School of Mines Geology Museum book and rock sale this month.

CMS appreciates the donations that we have received and the hard work the CMS volunteers have put in to obtain, transport, stockpile, sort, identify, and price these specimens. It is a huge benefit for the club and its members, so plan to attend the rock sale if you can.



Rocky Mountain Federation News  
[www.rmfm.org](http://www.rmfm.org)



A.F.M.S Newsletter  
<http://www.amfed.org/news/default.htm>

## GREATER DENVER AREA GEM AND MINERAL COUNCIL 2019 OFFICERS

The Greater Denver Area Gem and Mineral Council will be electing officers for 2019 at the November 28, 2018 meeting. Pursuant to Council Bylaws, the Nominating Committee is herewith submitting to the member clubs the candidates' names:

President - Dale Gann      Vice President - Ian Duncanson      Secretary - Larry Havens

The Treasurer's term of office is three years so the current Treasurer Bill Jones will continue as Treasurer for the next two years. The bylaws also provide that nominations may be accepted from the floor provided the nominee is either present or has been contacted and will accept the nomination. Therefore, if a club has a member who wishes to serve in one of the above three positions, the club should so notify the Nominating Committee. That person can be nominated from the floor and added to the recommendations of the Nominating Committee. In any event, each club must vote for their choice of the three officers prior to the November 28, 2018 meeting and advise their Trustee of the selection of officers, thus enabling the Trustee to vote appropriately at the Council meeting. Should there be any questions regarding the nomination or election process, please contact your club Trustee, a Nominating Committee member or the Council President Dale Gann. Respectfully submitted, the Nominating Committee - Judy Knoshaug, Dave Bunk and Nick North



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### Calendar of Coming Events, October – November 2018

by Pete Modreski

**Thurs., Oct. 4,** 7:00 p.m., Colorado School of Mines Geology Museum, “First Thursday” lecture series, **Huge explosive eruptions: Their nature and effects**, by Tom Casadevall, USGS Scientist Emeritus. CSM Geology Museum, 1310 Maple St., Golden, Room GRL 201 (the large conference room across the hall from the Museum). Socializing at 6:30 p.m., program at 7:00. All are welcome.

**Sat., Oct. 13,** 10 a.m. – 4 p.m., “**Dan’s Used Rocks, 20<sup>th</sup> Anniversary Open House & Mineral Sale**”. 12296 W. Mississippi Ave., Lakewood CO; email [dansrocks@comcast.net](mailto:dansrocks@comcast.net). All are welcome. “Celebrating 20 years in business with hundred of specimens at 50% or more off, dozens of inexpensive flat lots, some one-time only deals, and of course plenty of food and drink.”

**Tues., Oct. 16, and Wed., Oct. 17,** two short after-work **Geology Hikes** for the public will be held for the occasion of Earth Science Week, which runs Oct. 14-20. Meet at 5 p.m.; on Oct. 16, at the “Sleeping Elk Trailhead” at 18<sup>th</sup> St. & Belvedere St., Golden, for a hike up to the top of “Castle Rock” on South Table Mountain. Meet at 5 p.m. on Oct. 17 at the Rooney Road Trailhead on S. Rooney Road (Lakewood/Morrison/Golden), south of W. Colfax and I-70 and north of Alameda Parkway, for a short hike along the Green Mountain Trail. Back by dusk. For more information or if weather is questionable, contact USGS geologist Pete Modreski, [pmodreski@usgs.gov](mailto:pmodreski@usgs.gov), office 303-202-4766, cell 720-205-2553.

**Nov. 10-11, 39<sup>th</sup> Annual New Mexico Mineral Symposium**, at New Mexico Institute of Mining & Technology, Socorro, NM; see <https://geoinfo.nmt.edu/museum/minsymp/home.cfm>.

Worth noting: the Program, Abstracts, and Field Trip Guides, for the recent Aug. 4-5, 2018 symposium, “**Minerals from the Metallic Ore Deposits of the American Southwest**” are available for free download at the Friends of Mineralogy, Colorado Chapter, website, at <http://friendsofmineralogycolorado.org/mmocas/>. Video recordings of the oral presentations will also be available soon at the CSM Library website. Likewise, both the abstracts and field guides and video recordings of most presentations from last year’s symposium, “**Gold and Silver Deposits in Colorado**” (July 20-24, 2017) are available for free viewing and download online via the Colorado School of Mines Library website, at <https://dspace.library.colostate.edu/handle/11124/172170>.

# BIG SALE

## Announcing A Ridiculously Awesome Mineral & Book Sale at the Museum!

At the CSM Geology Museum  
1310 Maple Street, Golden, Colorado

### *Museum Friends Members Only Sale*

Saturday, October 20, 2018

8:00 a.m. to 11:00 a.m.

Members receive a 20% discount on purchases  
(Drop by and become a member!)

### *The Public Sale*

Saturday, October 20, 2018

11:00 a.m. – 6:00 p.m.

A colossal selection of minerals, rocks, books, maps, journals, fossils, etc.  
Prices vary by item or box. Most prices will drop throughout the event.  
All sale proceeds go to the Museum.

Information: 303-273-3815; <https://facebook.com/CSMGeologyMuseum/>;  
<https://friendsofcsmgeomuseum.org/>



## Littleton Gem & Mineral Club Silent & Verbal Auction

Saturday, October 20, 2018

### *Note the new date*

Columbine Hills Church,  
9700 Old Coal Mine Avenue,  
Littleton, CO 80123

Seller set up starts at 11 AM,

Silent auction starts at Noon,

Verbal auction starts at 1 pm;

Checkout starts at 3:30 pm

Bring your minerals, gems, jewelry, fossils, books, and equipment to sell. Club retains 20% commission. Non-club members are limited to 2 flats. Payment is by cash or check.

Email Lesley Sebol at [Lesleysebol@gmail.com](mailto:Lesleysebol@gmail.com) to pre-obtain a seller/buyer number or get it at the door.

## Colorado Mineral Society Board Meeting on August 21, 2018

Attendance: Debbie Kalscheur, Gary Rowe, Ben Geller, Loni Cole, Aaron Cross, Eva Siemonsma, Leslie Osgood, Chris Keilman, and Amber Brenzikofer

Call to Order – Debbie Kalscheur, President at 7:00pm

### Open Positions Review

- Donations Chair, Denver Council Rep (Debbie will take over)

### Items for Board Approval

- Beginning wire wrapping class in November (2 sessions), board approved the class for 15 people max at \$30/person for CMS cost, participants will be charged an additional \$30 for the class, need to confirm dates in November

### Special Topics

- Estate Donations – the Board decided to hold a rock sale this fall, as well as use some of the nicer specimens for the raffle and auction.
- CMS Founders Day Picnic – September 8<sup>th</sup> noon to 3pm; CMS will buy hotdogs, buns, condiments, watermelon, flatware, and paper products; Ben Geller will put together a mineral quiz; club table volunteers at Denver Show
- Christmas Party – party is scheduled for December 7<sup>th</sup> at the Clements Community Center in Lakewood
- New Venue Committee – Amber is heading up a committee to find a new meeting location to accommodate attendees, kitchen, and storage
- Strategic planning update – Debbie is working on notes from last strategic meeting and will be setting up another meeting

### Officer/Committee Reports

- Field Trips – Gary reported that the field trip season has been successful and the Utah trip remains
- Education – Ben/Debbie -Beginners Wire Wrap Class scheduled for Nov, Christmas gift project Wire Wrap class in Dec, working on another black light class
- Membership – Leslie read the new members to the Board
- Treasurer – Loni reviewed the financials
- Raffle – Eva reviewed the raffle financials
- Newsletter – Amber – Summer newsletter deadline is August 23rd
- Denver Council – John Smith has resigned as Denver Council Rep due to health reasons

### Other Topics - Inform

- Next scheduled CMS Board Meeting: Sept 18th Location: Leslie's unless otherwise notified
- Meet adjourned at 9:10pm. *Notes taken by Amber Brenzikofer*



## Colorado Mineral Society Board Meeting on September 18, 2018

Attendance: Debbie Kalschauer, Gary Rowe, Loni Cole, Eva Siemonsma, Leslie Osgood, Chris Keilman, and Amber Brenzikofer

Call to Order – Debbie Kalschauer, President at 7:00pm

### Open Positions Review

- Donations Chair, Grab Bag Chair

### Items for Board Approval

- Black Light Class [Fall 2018/Spring 2019] – Board approved purchase of 50 flashlight to offer in the class and for sale
- Replenishment of display inventory for CMS club table at Denver Show [better/larger specimen's from past CMS trips]

### Special Topics

- Sept Show Debrief: Show in general went well, CMS Club Prospectors case won 1<sup>st</sup> place, CMS club table was a hit with the kids, need to recruit more volunteers for the club table
- 2019 Facilities Change Committee – Amber provided facility layout and prices for the Jefferson County Fairgrounds and Red Rocks Community College Community Room, will continue to scout locations and costs
- Bob and Mary Disney, John Jezek, and Muriel Colburn Estate Donations Plan – Need to sort, identify, and price collections. Volunteers have been recruited for this task. The first meeting is Sept 22<sup>nd</sup>, with follow-up meetings scheduled for Sept 6<sup>th</sup> and 13<sup>th</sup>. Possible ready for a rock sale by end of October or early November.
- Youth Program – MistyAnn Bateman will continue as Junior Rockhound Chair, she has a program for the October meeting, but is looking for ideas for the November meeting and next years meetings.
- Strategic planning update – planning committee is tentatively scheduled to meet October 9<sup>th</sup> at 6:30pm at the Denny's at 6<sup>th</sup> and Union.

### Officer/Committee Reports

- Education – Ben/Debbie
  - Beginners Wire Wrap Class scheduled for Nov, Christmas gift project Wire Wrap class in Dec
- Membership – Leslie read the new members to the Board
- Treasurer – Loni reviewed the financials
- Raffle – Eva reviewed the raffle financials
- Newsletter – Amber – October newsletter deadline is September 21st
- Meeting Season Speaker Lineup – Gary reported that the October speaker will be Damon Hauschulz on *Colorado Basement and Large-Scale Lapidary*. The November speaker will be Rob Wesson on *Darwin's First Theory: Exploring Darwin's Quest to Find a Theory of the Earth*
- Denver Council – Debbie will be attending the Council meeting next week

### Other Topics - Inform

- Next scheduled CMS Board Meeting: Oct. 16 Location: Leslie's unless otherwise notified
- Meet adjourned at 9:00pm.

*Notes taken by Amber Brenzikofer*

## CMS Membership Dues

A membership form is located on the CMS website at [www.coloradomineralsociety.com](http://www.coloradomineralsociety.com).

### **CMS Membership Dues:**

|  |                                       |
|--|---------------------------------------|
| Family: \$20 per year                        | Single: \$18 per year                 |
| Senior 65+ (single or family): \$15 per year | Junior (<12 years old): \$15 per year |

CMS memberships run from January 1st to December 31st. Here are ways to pay your dues:

1. Pay with cash or check at the general meetings the first Friday of each month from October through May. Look for the Membership Chairperson to obtain a receipt and membership card.
2. Send a check made out to "Colorado Mineral Society" or "CMS" to P.O. Box 280755, Lakewood, Colorado 80228-0755. Please do not send cash through the mail. Membership cards will be mailed to you.

**Also, due to RMFMS insurance and liability purposes, we need to know the month and year of your children's birthdays,** so please provide this information when you renew your membership. The children's information will not be published. If you ordered a name badge, they will be available at the general meetings to pick up.

## COLORADO MINERAL SOCIETY OFFICERS

2018

President: Debbie Kalscheur

First VP-Programs: Gary Rowe

Second VP-Education: Ben Geller

Secretary: Aaron Cross

Treasurer: Loni Cole

### Appointed Board Members - Committee Chairpersons

Annual Auction: **Open**

Door Prizes-Guests: Cindy and Paul Hatfield

Library: Kevin Atwater

Display Chair: Chris Keilman

Membership: Leslie Osgood

Field Trip Leader: Gary Rowe

Field Trip Leader Co-Chair: Nels Grevstad

Nominations: **Open**

Grab Bags: **Open**

Publications: Amber Brenzikofer

Historian: Amber Brenzikofer

Jr Rockhound Coordinator: MistyAnn Bateman

Jr Rockhound Assistants: Joanna Morsicato/Wendy Carley

Hospitality: Star Edwards

Donations: **Open**

Web Master: Julio Edwards

[coloradomineralsociety@comcast.net](mailto:coloradomineralsociety@comcast.net)



### Representatives (Board Members)

Denver Council Trustee: Debbie Kalscheur

Denver Show Rep: Amber Brenzikofer

**COLORADO MINERAL SOCIETY (CMS)** was founded in 1936 by a group of distinguished individuals within the mineralogical field. The organization was incorporated as a non-profit, educational organization in 1948. The Society is affiliated with the Rocky Mountain Federation of Mineralogical Societies and the American Federation of Mineralogical Societies, a founding member of each group.

**PURPOSE:** To promote the study of minerals and other geologic materials, to encourage mineral collecting as a hobby and to conduct public meetings, lectures, and field trips, and to engage in all activities which relate to said purposes of the organization.

**MEETINGS:** General membership meetings start at 7:30 PM on the first Friday of each month, October through May, at St. Paul's Episcopal Church, at 10th and Garrison in Lakewood, CO. **Visitors** and **Guests** are welcome.

**BOARD MEETINGS:** The board members meet once a month to complete the executive business and affairs of the Society. Meetings will start at 7:00 PM usually the third Tuesday of each month.

**MEMBERSHIP:** Open to all persons who agree to abide by Society rules and rules of the Federations. Annual fees effective January 1, 2018: \$20.00 for a Family, \$18.00 for a Single Membership, \$15.00 for a Senior Membership (single or family over 65), and \$15.00 for junior members under the age of 18 who are not included in a family. Name badges are available for a one-time fee of \$7.50.

**ANNUAL EVENTS:** Yearly activities include a silent auction of minerals, fossils, gems, jewelry, equipment and other items related to our interests; participation as a member of the Denver Greater Gem and Mineral Council and the original Denver Gem and Mineral Show; and the Founder's Day celebration.

**FIELD TRIPS:** The Society sponsors several field trips from Spring through Fall for the purpose of collecting minerals, crystals, and fossils. These trips are one-day, two-day, and occasionally several-day adventures. A field trip guide is published each year in May.

**NEWSLETTER GUIDELINES:** CMS has a proud history of promoting the education and pure enjoyment of the mineralogical world. At the very heart of its existence are the many volunteers and contributors who spend their time and efforts in direct support of the club's mission. The CMS official newsletter **MINERAL MINUTES** is published monthly during the active meeting season (October through May) and a summer edition, and is the primary way the club's activities and mission are communicated to its members and prospective members. On that basis, the Board of Directors would like to offer the following content guidelines for CMS newsletter contributions:

- Formal announcements concerning club business and/or membership
- Information around mineral-related education opportunities or fundraising activities
- Stories or history that concentrate on the edifying aspects of mineral collection and education
- Sharing of personal mineral-related experience from field trips or other related adventures serving an educational purpose
- Announcements of volunteer/leadership opportunities for the club or club representation
- Worthy news events or discoveries related to mineralogy or geology that align to club's core interests
- Appropriate announcements regarding mineral shows, one-time mineral related events, mineral auctions, sale of private collections and/or equipment, etc.
- Information around relevant donations and/or gifts made available to the club or club members

Please note that the editor may correct spelling, syntax, or content to conserve space and is also entitled to bring contributions in compliance with newsletter guidelines.

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Deadline for publication is the 20th of the month prior to publication. All correspondence to Mineral Minutes or questions should be sent to Amber Brenzikofer, Editor, P.O. Box 280755, Lakewood, Colorado 80228-0755; phone: 720.480.5234; or by email to:

[editor.coloradomineralsociety@gmail.com](mailto:editor.coloradomineralsociety@gmail.com)



Colorado Mineral Society  
PO Box 280755  
Lakewood, CO 80228

## **FIRST CLASS MAIL**



### Calendar of Events

**October 5, 2018, CMS General Meeting** at St. Paul's Episcopal Church, Lakewood, 7:30pm-9pm

**November 2, 2018, CMS General Meeting** at St. Paul's Episcopal Church, Lakewood, 7:30pm-9pm

**December 7, 2018, CMS Christmas/Holiday Party** at Clements Community Center, Lakewood, 6:30pm-9pm

