



Colorado Mineral Society

Mineral Minutes



Volume 82, Issue 4

April 2018

President's Message

by Debbie Kalscheur

Spring is Upon Us. Get Ready for CMS Auction and Dig Season to Follow!

Hello CMS membership! The calendar says that Spring is here, although I think Denver is still deciding. Rain, sleet, snow and sunshine – it is all typical of this time of year. But consistently warmer weather will be on us before we know it...which means that it is time to prepare for both the CMS Auction and this year's Dig Season!

Most of you know how critical the annual CMS Auction is to the functioning of our club. It is currently the only fund raiser outside of the mineral raffles that we do, so it represents a significant percentage of our annual revenue. The funding for all the CMS education programs and CMS support of community education [like the Science Fair] generally comes from the funds raised in the auction and the raffle. Ben Geller is serving as Auction Chair again this year. The Auction will be held May 5th in the same place as in the past at the Holy Shepard Church in Lakewood. Leslie Osgood is now registering both buyers and sellers for the Auction, so please make sure to see her to get your cards! If you are culling from your collection, the Auction is a great outlet for selling the minerals that you no longer want and benefit the club at the same time. Printed seller slips will be available at the April and May general meetings or can be downloaded from the CMS website and filled in electronically.

Because CMS is 100% volunteer driven, there seems to be a continuous ask for participation – this is especially true for the Auction. We need folks to help set up tables, work the fluorescent room, move tables to the back room during the silent auction, work the back room, serve as cashiers, and help with providing food and drink [Hospitality]. We especially need someone to lead Hospitality this year. Please reach out to Ben or any Board member if you are willing to lead Hospitality this year.

The CMS Auction is always held the first Saturday after the May CMS Field Trip sign-up meeting. This always makes for a hectic couple of days. As we look for ways to better apply technology, we may be able to ease the chaos a bit by moving trip sign up from paper to online sign up. Although we are investigating what it would take to do that, there will be no change to the sign-up process this year.

Last month, I mentioned that CMS Leadership is currently undertaking an initiative to develop a CMS Strategy that will be used for the next 3-5 years to guide club activities. The team met for the first time on March 24th and great discussion was had regarding CMS vision, mission and the values that represent CMS culture and ideals. We also discussed what CMS does well and things that could be done better. If you are not on the Strategy team, but have passion around your ideas on these topics, please reach out to me and let me know what they are. We will incorporate your "voice" into the strategy development effort. Your input is greatly valued! I hope to see you all at the April meeting!

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Next CMS General Meeting

April 6, 2018

The next CMS general meeting will include a presentation by Ed Raines on "**The Boulder County Tungsten District**". An abstract of his presentation is located on Page 3.

Guests and visitors are welcome at the general meetings. The meeting starts at 7:30pm at the St. Paul's Episcopal Church, 10th and Garrison in Lakewood.

CMS New Members

First Listing

Jennifer Desbien & family
Jenna DiMarzio and Daniel Agocs
Sue Fraley
Emily Heitzmann
Greg Merritt
Susanne Peach and John Mortellaro
Mike and Janet Ream
Sharon Sander
Chris and Joy Tracy
Shannon Whitmore
Daniel Zellner

Second Listing

Albert Coleman
Chelly Elliot
Nick Gullet
Amy Maas
Jake Maas
Danielle Packer

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

Field Trip Schedule Sneak Peak

There have been several field trip dates that have been confirmed and because several long distance trips occur in May, we are giving you a sneak peak to allow time to get vacation time. Confirmed trips include:

May 12-13 Celestite Queen Mine and Yellow Cat, Utah

May 15-18 Other sites in New Mexico
TBD

May 19-20 Blanchard Mine, New Mexico

June 30-July 1 Calumet/Sedalia joint with RMAG

CMS Junior Rockhounds - April Program

by MistyAnn Bateman, Junior Rockhound Coordinator

Topic: *Safety*

Presenters: *MistyAnn Bateman, Boyd Cook, Wendy Carley, and Greg Wilson*

Overview:

Our junior rockhounds will be learning/refreshing what tools and safety gear should be brought on their rockhound adventures. We will be learning safety tips and have fun decorating and labeling hard hats and safety glasses that will be provided by CMS. Parents are welcome to join us and bring any tools or ideas that they have used in their adventures.

I would like to thank our speakers and volunteers for their time. I would also like to thank CMS for the donation of safety equipment. We are looking for topics for the fall junior programs so if you have any suggestion or want to volunteer to teach a class, please find me at the general meetings.

March 2, 2018 Raffle News

March's ticket sales amounted to \$219, with the retail value of \$140. Most popular item was the wulfenite specimen (\$54), donated by **Sandra Gonzales - Rocky Mountain Gems**, and won by *John Smith*. The very nice copper specimen (\$51) donated by a **mystery entity** was won by a smiling *Mark Danuser*. The azurite, malachite, tenorite, chrysocolla (\$35), donated by **Karen Kuk-Nagle - Hands of Spirit**, was won by *MistyAnn Bateman*. *Joanne Mescote won two times* -the willemite specimen from Franklin (\$33), donated from the **Charles Spletz Collection**, and the cerrusite specimen (\$15) donated by **Pat Tucci and Zelda Bailey - GEOdyssey, LLC**. The pyrite specimen from Peru (\$31) donated by **Ken & Mary Black from the Lee Barnett Collection**, was won by a visitor, *Manuel Perez*.

Thank you for the donations of these great specimens. The raffle is successful because of your enthusiastic participation. The proceeds are spent on CMS education, the purchase of library materials, and the state science fair awards.

Thanks Sabra and Ric Hoerter for helping with the raffle. *Congratulations to all the lucky winners!!!!*

Submitted by Eva Siemonsma, CMS Raffle Manager

April General Meeting Presentation

Our guest speaker will be **Ed Raines**, Curator and Collections Manager at the Colorado School of Mines Geology Museum.

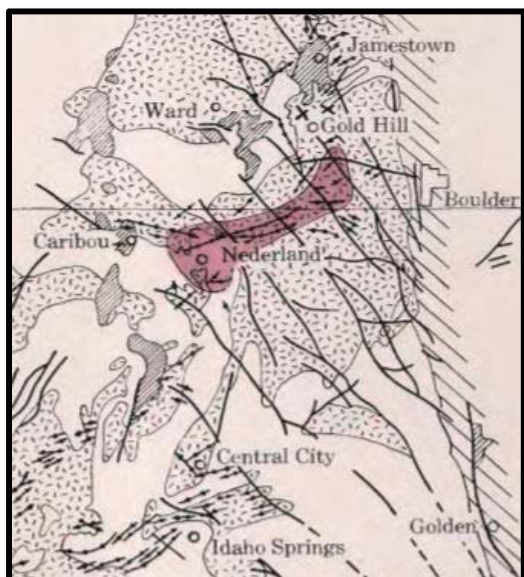
ED's TALK: **The Boulder County Tungsten District**

PRESENTATION ABSTRACT:

The program on the Boulder County Tungsten District will include material on the metallurgy and uses of the metal, the discovery of tungsten mineralization in Boulder County, the minerals and mines of the district, and the processing industry that grew up in the area.



Ed Raines



**Location of the Boulder
County Tungsten District**

SPEAKER BIOGRAPHICAL SKETCH:

Ed Raines is the Curator and Collections Manager at the Colorado School of Mines Geology Museum and noted expert on Colorado minerals and mining history. He has served as President of the Mining History Association and the Friends of Mineralogy – Colorado Chapter. He has authored many works on Colorado Mining Districts. At the CSM Geology Museum he arranged the loan and set up the new exhibit of the new Frederick Mayer Colorado Territorial Gold coins with Central City Gold specimens.



**Cardinal Mill, between Nederland and Caribou
Boulder County, Colorado (date unknown)**
(Credit: Denver Public Library Western Archives)



Ferberite Vein, Cold Spring Mine
(Credit: Lovering and Tweto, 1953)

CMS Education Update

by Debbie Kalscheur

New Class Offering: UV Long Wave Flashlight Assembly

A few meetings ago, we had an interesting lecture on the “ins and outs” of UV lights. Boyd Cook has graciously offered to teach a class on how to assemble a long wave flashlight that can be used in the field [and at this year’s CMS Auction!]. For the cost of the class, all parts will be included in the assembly kit and students will complete the class with a workable long wave UV flashlight. Boyd has ensured that we will get quality parts for this project... no knock offs!

We had a sizeable number of people who signed up last month on the interest list. That list helped us to decide to move forward with offering the class, but please note that payment is needed to secure a spot. **Sign-up for the class will be held at the April meeting.** Please bring a check if you can for the class amount made out to CMS. If you would like to secure a spot and will not be attending the April meeting, please send an email to pres.coloradomineralsociety@gmail.com for mail in instructions of the payment.

Class Details:

Instructor: Boyd Cook

Location: Denny’s at 6th and Union

Class duration: about 30 minutes

Date: Saturday, April 28th [alternative date will be available – tentatively May 17th]

Time: 3:45 pm and 4:30 on April 28th. Tentatively 7 pm on May 17th

Cost: \$34 per person [this is “at cost”] – **make check out to CMS. Checks preferred.**

Class Size Limit: 35 people / 35 flashlights – 1 per student

Included in class fee:

- Convoy S2+ light case
- ZWB2 365nm filter
- 1 Li-ion battery
- Artic Silver Ceramique2 thermal conductor
- Expert instruction on how to assemble

NOT Included:

- Battery charger
- Extra batteries



Class Description:

The Convoy S2+ flashlight body comes assembled. The first task is to remove the LED pill, reflector and glass lens from the flashlight. Insert the UV filter and the reflector. A thin coat of a ceramic thermal can then be applied to the flash light threads. We will then thread the pill back into the flashlight body. Add a battery and its done! A small pointed object will be needed to help unscrew the LED pill, something like a micro screwdriver or tweezers.

Please note that the flashlight takes one battery. A single battery charge provides for about 2 hours of use. We will limit one flashlight per student unless there are extra. Must be a current CMS member to take this class.

If you sign up, please plan on bringing one or two specimens that will fluoresce so we can all test out our new long wave flashlights!

CMS T-Shirts



We are ordering CMS T-shirts (short and long sleeves), sweatshirts, and hoodies. There are both large logos and small logos and multiple colors. The order form is one our website at:

www.coloradomineralsociety.org

The deadline for ordering t-shirts is **April 6th**. You can bring the order form to the April meeting along with pre-payment or send it to the PO Box at the bottom of the form before the deadline.

Questions to Eva Seimonsma at 303-239-6798

February Basic Wire Wrapping and March Advanced Wire Wrapping Classes



February Beginning Wire Wrapping Class



March Advanced Wire Wrapping Class

The February Basic and March Advanced Wire Wrapping classes are now complete! We had full classes and everyone's projects were remarkable! These classes incorporated wire wrapping techniques for making a pendant, including the use of wire coiling and beads. A great time was had by all! Continued thanks goes to our expert instructor, Susan Gardner who is now also a CMS member! This was the 3rd and 4th of 5 wire wrapping classes held through CMS in the 2017-2018 meeting season.

May Basic Wire Wrapping Course

This class is now full, but you can still sign up on the wait list. Class will be at St. Paul's Church on Monday May 14 and 21 from 6:30 to 9 pm. For those signed up, please review the materials that Susan sent out regarding tools and tool use for the class. Tools can be purchased from Susan. Susan will bring tools for use during the class. If you have tools, please bring them. Also, reminder that the class project kit comes with copper wire. If you would like to upgrade, please let Debbie or Susan know and bring \$15 to the first class.

For those signed up, you should have already received a confirmation email. If you think you are signed up, but did not receive a confirmation email, please see Susan or Debbie at the April meeting or contact us through email [pres.coloradomineralsociety@gmail.com or izzyzgumbo@gmail.com].

New Series: **Rockhound Origins**. Tell us in 500 words or less what drew you to the Colorado Mineral Society and how you got started collecting rocks, minerals, and fossils. At least one story will be published each newsletter. Send your story to pres.coloradomineralsociety@gmail.com and/or editor.coloradomineralsociety@gmail.com

Rockhound Origins

by Chris Keilman

Titled: *Friendly Competition*

My name is Chris Keilman and my love of minerals began with the quest for gold. One day a good friend of mine (Denny), showed me a small vial of gold that he had collected over the years, I was surprised when I saw how tiny the flower gold was and how little was in the vial, I said to Denny, "that's it"? Denny replied, "hey, that took a lot of work to get". My competitive nature drove me to see if I could find bigger and better gold, so I asked Denny if he would teach me how to gold pan. Denny graciously agreed and soon I was out purchasing my gold panning equipment. That weekend we set out for clear creek canyon and I very quickly realized why Denny had so little gold, It's HARD work! While panning for gold that day I constantly found small ruby red fragments turn up in the black sand at the bottom of my pan. I asked Denny about them and he informed me that they are in fact garnet crystals. I had no idea what he was talking about so that evening I went home and looked on the internet and discovered exactly what they were and that there are thousands of other types of crystals. I also came across the website of CMS and navigated through their page for a while. After reading and viewing all the pictures of the field trips I knew right away that this was right up my alley. I quickly contacted Denny and boldly told him "were joining a mineral club", he replied "okay".

The following month Denny and I attended our first club meeting and we were unsure what to expect. We walked into the venue and were greeted by 2 smiling faces, later to be known as Paul and Cindy Hatfield, they gave us each a door prize ticket and we sat and listened to several speakers, one being Mark Jacobson who spoke about Colorado collecting sites. That evening we signed up and eagerly awaited the field trips to start in the coming months.

Denny and I had no idea the monster that would be created or how obsessed we would become collecting minerals. To put it into perspective, it has only been 3 years since I have joined and I am already running out of places to put my minerals. If I keep this pace up I will either need to sell my collection or buy a bigger house. I believe I am correct when I say that most rockhounds have this problem. To wrap things up, I fully and happily accept the fact that I am now and forever will be a ROCKOHOLIC!

Thanks for reading!

Call for Grab Bag Mineral and Fossils

We need grab bag material for the Denver Show grab bags. If you have small minerals and fossil material, please donate them for a great cause to support the Denver Show. Once we get enough material, we will hold a grab bag stuffing party this fall.

If you are out in the field this summer, pick up some extra small pieces that can be donated.

Contact Eva Siemonsma or one of the Board members if you want to donate.



CMS GOES TO CSEF...2017

By Craig Hazelton

The late Lee Brown was making sure the kids theories and conclusions made sense and were backed up by good data last year at the Colorado Science and Engineering Fair (CSEF). I'll miss him this year and his stories of how he studied to cram natural gas into the old Leyman coal mines on 93 North of Golden. I drive by there when I head down to Lakewood for the CMS meetings, and usually Lee comes to mind. One time on a field trip he was so cool sitting there in a news boy hat smoking a big pipe while picking up beta quartz crystals. Thanks Lee!

CMS once again awarded four productive and clever students for their projects presented at the 62nd annual CSEF. We provide the winners a specimen, a check and a copy of the great book by Dr. Vince Mathews *Messages in Stone, Colorado's Colorful Geology*, one of my favorite books. Here is a rundown of the result:

STUDENT	PROJECT
First Place, Senior Kyle Fridberg Fairview HS, Boulder	A Novel Method of Producing Colloidal Gold Nanoparticles from Gold Ore and Aqueous Sulfuric Acid
Second Place, Senior Jenna Salvat Coronado HS, CO Springs	Characterization of the Pyroelectric and Piezoelectric Effect Exhibited by I+/-Crystalline SiO ₂
First Place, Junior Joshua Miller Skinner MS, Denver	Effect of Grain Size on Supportiveness of Structure During a Liquefaction Event
Second Place, Junior Paul Knight Miller MS, Durango	Tidy Up Those Tailings

Thanks again to Bruce Geller for judging, and to Eva making the prizes come to be!

Science, kid science, investigating things that people in Colorado care about. Although these two friends of mine are too young to attend the CSEF, I would really like to review their project. Super curious about the results or their study even though it's not about rocks!



A recent scientific study from students in Colorado.

CMS GOIN' TO CSEF...2018

Please come join us and help judge for CMS, the next fair is coming this April 5th. Drop me a note at craig.hazelton@hotmail.com, we'd love to see you up in Fort Collins.

Happy collecting and learning about rocks to you!

Denver Gem & Mineral Show Mini Report April 2018

September 14 - 16, 2018 will see the 51st Denver Gem & Mineral Show. The show will be held at the usual location, the Denver Mart, 451 E. 58th Avenue (intersection of I-25 and 58th Avenue). "Minerals of Mexico" is this year's theme. The show Chair is again Lesley Sebol, who can be reached at lesleysebol@gmail.com or 720-999-1372. Lesley always welcomes new ideas regarding the show. The show is aiming for the future with ideas, exhibits, activities and opportunities.



Planning is under way for the show and here is a sampling of the speakers and exhibits to whet your appetite. Some of the speakers are as follows: Terry Wallace, jr. on "The Silver Legacy of the Mexican Altiplano", Peter Megaw on "Minerals of Mapimi", Thomas Moore on "The Ojuela Mine", and Brad Cross on "Agates of Chihuahua". If it's Mexico, there has to be agates in there somewhere. Of course, the exhibits will be spectacular as well. Aquarium cases are reserved for some premier exhibitors such as Peter Megaw, Kerith Graeber, Gail and Jim Spann, Scott Rudolph, and Marty Zinn. Terry Wallace will be exhibiting Mexican silver specimens (who could guess). Phil Richardson will display Mexican pyrites. Alberto Ray will exhibit Mexican agates. The Houston Museum of Natural Science is returning with a display of their exceptional Mexican minerals. The exhibits are always a highlight of the show and this year will be no different.

The Show Committee is committed to bringing you a superb show every year. However, we cannot do it alone. **WE NEED THE HELP OF ALL THE EIGHT LOCAL CLUBS.** The clubs are our support. Right now, there is a need for a new Historian, a two-person position, and a Set Up Chair. The Historian(s) photographs all the exhibits plus some of the activities and attendees, creating a history of the show. The Set Up Chair is responsible for set up of the show on the Wednesday preceding the show. Set up entails covering the dealer tables in the aisles and east area with plastic and assembling the wood display cases. The Set Up Chair does not do this alone. There is a list of experienced persons from prior years that help. The Set Up Chair needs to confirm the list of volunteers. The main floor is the responsibility of the contract decorator.

In addition to the two positions mentioned above, there are several that need an assistant. These are Buildings and Grounds, Security, Dealers, Door Prizes, Tear Down, Trophies & Ribbons, and Volunteers. So give it some thought. Where else could you put your many talents to use for such a worthy endeavor?

The Show Committee meets at 7:30 p.m. on the first Tuesday of each month except February, July and December. Tag along with your club representative (each club has one) to see what it's all about. You may serve as an At-Large member until you find the niche that suites your talents. The committee has met at the Denver Museum of Nature & Science for many years. Starting this April, there is a possibility the meetings may shift to the conference room at the Colorado School of Mines Geology Museum. The conference room is across the hall from the museum entrance. The Greater Denver Area Gem & Mineral Council will continue to meet at the Denver Museum of Nature & Science.

Respectfully submitted, Judy Knoshaug, Show Secretary



Rocky Mountain Federation
News
www.rmfmfms.org



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

RMGM PROMOTIONS PRESENTS

COLORADO MINERAL & FOSSIL SHOW

APRIL 13-15, 2018

LOCATION:

CROWNE PLAZA DIA
15500 E 40TH AVE
DENVER, CO 80239

FINE MINERALS
FOSSILS
GEMSTONES
JEWELRY
WHOLESALE
RETAIL

Free Gold Panning Lessons
Wire Wrapping Classes
\$5.00 Kid Dinosaur Dig
Free Rock Dig For Kids
Hourly Giveaways

Hours: Friday-Saturday 10AM-6PM
Sunday 10AM-5PM

VISIT US ONLINE!

WWW.COLORADOMINERALANDFOSSILSHOWS.COM



North Jeffco Gem & Mineral Club Silent Auction

Friday, April 13th, 2018

APEX Community Recreation Center
6842 Wadsworth Blvd, Arvada, CO 80003

Setup at 5:30 PM

Seller limits on number of items to sell:

Club Members – No limit

Non-members – Maximum of 30 items

Auction Begins 6:45 PM

Checkout Begins Immediately After Auction

No Early Checkout

Free Parking, Free Admission

♦ jewelry ♦ gems ♦ minerals ♦

♦ bake sale ♦ crafts ♦

♦ free refreshments ♦

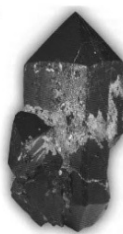
♦ public invited ♦

If you need a finished piece of jewelry,
rough material to fashion yourself,
a specimen for your collection,
or an interesting and fun evening,
this is the place.

Sellers & Buyers Welcome

For more info call Bill Jones 303-503-6288

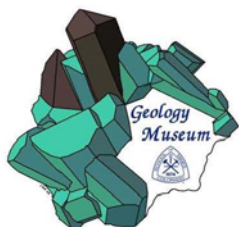
Or email sidewindermin@comcast.net



*Announcing Another Ridiculously
Awesome Sale!*

CSM Geology Museum

1310 Maple Street, Golden, CO



Friends of the Museum Members Only Sale

Saturday, April 28, 2018

9:00 a.m. to Noon

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

The Public Sale

Saturday, April 28, 2018, Noon – 4:00 p.m.

Sunday, April 29, 2018, 9:00 a.m. – 4:00 p.m.

A large selection of minerals, rocks, books, maps, journals,
fossils, etc. Prices vary by item or box.

Most prices will drop throughout the event.

Information: ph. 303-273-3815



Colorado Mineral Society's Silent and Verbal Auction Saturday May 5, 2018

*Minerals, fossils, faceted stones, lapidary equipment
and materials, books, jewelry, and fluorescent minerals*

- Door prizes every half hour, raffle at 2:45pm
- Special verbal auction at 1:00pm of museum quality specimens donated by special dealers
- Abundant parking, refreshments, and easy handicap access
- A few auction tables reserved for only children to bid on
- Special fluorescent minerals room

Location:

Holy Shepherd Lutheran Church
920 Kipling Street (3 blocks north of West 6th Ave.)
Lakewood, Colorado 80215

Time:

11:00am to 2:45pm
Checkout will begin at 2:45pm (Cash or Check Only)



****A special invitation is extended to non-CMS members to participate in this auction
as sellers and buyers****

Limit of sales to three flats of materials. Sellers can get copies of bidding slips on our club
website (fillable and printable pdf file):

www.coloradomineralsociety.org

Checkout will be by bidder number, so contact Leslie Osgood at 303-986-4488 for a
bidder number and/or seller letter

Any questions about the auction should be directed to Ben Geller by phone at
303-550-5993 or by email at: auction.coloradomineralsociety@gmail.com



COUNCIL CASES FOR SALE! Silent Auction

These cases were purchased in 2008 and for safety reasons can't be used at the September Show anymore. Description: (see pictures) Hexagonal, 6 feet tall. Casters were added on the bottom for mobility. I would recommend they be removed once they've found a home.

They can be viewed at Dave Bunk's Store in Arvada, 5695 Yukon St.,
Sales are final, you haul away.

Auction starts April 2 and closes at noon April 14.

The council paid \$1500.00 each;
the current opening bid is \$400.00 for each case. Bidding sheets will be
taped to each case. We'll need your name and phone number. Good luck!

Ron Snelling
Buildings and Grounds, DGMS
ron.snelling22@icloud.com
303-880-7956



CMS Membership Dues Increase for 2018

CMS membership dues increased starting January 1, 2018. A new membership form is located on the CMS website at 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.

"The Story of Earth: How Life and Minerals Co-Evolved"

by Robert M. Hazen

We are pleased to announce several upcoming free public events at the Colorado School of Mines with Dr. Robert M. Hazen, Senior Staff Scientist at the Geophysical Laboratory Carnegie Institution, Washington, D.C.; Clarence Robinson Professor of Earth Sciences at George Mason University, Fairfax, Virginia; Executive Director of the Deep Carbon Observatory.

Lecture 1, Wednesday, April 25, 2018, 7:00 PM: "Mineral Evolution and Ecology: Tracing Earth's history through time and space"

Berthoud Hall, Room 241, Colorado School of Mines, Golden. (Seating is limited; please pre-register at <http://bit.ly/2HO5mIZ>.)

Lecture 2, Thursday, April 26, 2018, 7:00 PM: "Big-Data Geology: Visualizing Earth's co-evolving geosphere and biosphere"

Berthoud Hall, Room 241, Colorado School of Mines, Golden. (Seating is limited; please pre-register at <http://bit.ly/2pmpGcS>.)

Book Discussion, Thursday, April 26, 2018, 12:00-1:30 PM The Story of Earth: The First 4.5 Billion Years, from Stardust to Living Planet

Boettcher Room, Arthur Lakes Library, Colorado School of Mines, Golden. (Lunch will be provided but seating is limited; please RSVP to gevans@mines.edu.)

Dr. Hazen will lead a discussion of his book, The Story of Earth. Participants are expected to have read the book--available at www.amazon.com.

Technical Workshop: "Mineral Network Analysis I," Wednesday, April 25, 1-4 PM

Berthoud Hall, Room 306, Colorado School of Mines, Golden.

Technical Workshop: "Mineral Network Analysis II," Thursday, April 26, 8-11 AM

Marquez Hall, Room 322, Colorado School of Mines, Golden.

Workshop seating is limited; please pre-register at rwendlan@mines.edu.

CMS General Meeting on March 2, 2018

Debbie Kalscheur, CMS President, opened the meeting with greeting all new members and visitors.

Attendance: 110 adults and children/teens

General Announcements:

Debbie Kalscheur talked about an upcoming CMS strategy initiative and a committee has been formed. She reported on open leadership positions. For the education update, she reported on the upcoming May wire wrapping course that is full. Because of the popularity, more classes may be scheduled in the fall.

Cindy and Paul Hatfield introduced new visitors.

Officer and Committee Reports:

Loni Cole discussed the club's financials that were available for review.

Gary Rowe reported that the field trip schedule is in the works and will be released at the May general meeting.

Ben Geller talked about the upcoming CMS May Auction and request for volunteers.

Chris Keilman talked about the display case minerals.

CMS General Meeting on March 2, 2018 (continued)

Cara Reynolds read the new member names to the group and took membership renewals.

Eva Siemonsma discussed and took pre-payment for CMS t-shirt orders.

Amber Brenzikofer reported on Denver Show Committee update and started a volunteer list for the September show. She also sold the Denver Show 50th Anniversary books that CMS had recently purchased from the Denver Show Council.

Sandra Gonzales talked about the Spring Mineral and Fossil Show April 13-15th.

Door Prize Winners:

Chelly Elliott	Ron Pearson
Paul Knappe	Johanna Smith
Joanna Morsicato	Joan Tinkelman

Raffle (see Raffle news in this newsletter)

Presentation: Dr. Karen Wenrich presented "The Sweet Home Mine-from Silver to Rhodochrosite".

Meeting adjourned.

Colorado Mineral Society Board Meeting on March 20, 2018

Attendance: Debbie Kalscheur, Ben Geller, Aaron Cross, Loni Cole, Eva Siemonsma, Leslie Osgood, John Smith, and Amber Brenzikofer

Call to Order – Debbie Kalscheur, President at 7:06pm

Open Chair Positions:

Greeters- Cindy and Paul will remain through May. Looking for successor to assist, then take over.

Hospitality – Looking for a successor to assist and eventually take over.

Donations – John Smith will take over permanently.

Denver Show Council Trustee – John Smith will take over with Gary Rowe as the backup.

Membership – Looking for someone to take over the membership database, Microsoft Access experience preferred. Melanie will continue to take membership fees at the general meetings.

Items for Board Approval:

Education – black light construction class. 30+ people signed up. Board approved payment at a venue, if needed. Sign up and fees to be paid at April meeting.

Officer/Chair Reports:

Auction Report – Ben Geller will be posting a Facebook event for the auction, Amber will send an email blast.

Membership Report – Amber Brenzikofer read the new membership names that have been received in the past month. There are 470 members and 49 juniors.

Treasurer's Report – Loni Cole handed out and discussed the treasurer's report.

Raffle Report – Eva Siemonsma reported on raffle money that is available for educational purposes.

Education – Debbie Kalscheur reported that due to the success of the wire wrapping classes, a fourth wire-wrapping class was added in May. Ben Geller will be taking over the education responsibilities and is looking for ideas.

Meeting Speakers – Ed Raines may speak at the April meeting, the junior program will be on safety.

Other: Need to put a call out for grab bag material for the Denver Show,

Newsletter Deadline is March 27th.

Next scheduled CMS Board Meeting: April 17, 2018 7:00pm Location: Leslie's House

Meet adjourned at 9:00pm.

Notes taken by Aaron Cross and Amber Brenzikofer

COLORADO MINERAL SOCIETY OFFICERS

2018

President: Debbie Kalschauer

First VP-Programs: Gary Rowe

Second VP-Education: Ben Geller

Secretary: Aaron Cross

Treasurer: Loni Cole

Appointed Board Members - Committee Chairpersons

Annual Auction: Ben Geller

Auction Co-Chair: Rob Deschambault

Door Prizes-Guests: Cindy and Paul Hatfield

Library: Kevin Atwater

Display Chair: Chris Keilman

Membership: Cara Reynolds

Field Trip Leader: Gary Rowe

Field Trip Leader Co-Chair: Nels Grevstad

Nominations: Bruce Sales

Grab Bags: Marchelle Carlton

Publications: Amber Brenzikofer

Historian: Amber Brenzikofer

Jr Rockhound Coordinator: MistyAnn Bateman

Jr Rockhound Assistants: Joanna Morsicato/Wendy Carley

Hospitality: Star Edwards

Donations: John Smith

Web Master: Julio Edwards

coloradomineralsociety@comcast.net



Representatives (Board Members)

Denver Council Trustee: John Smith

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



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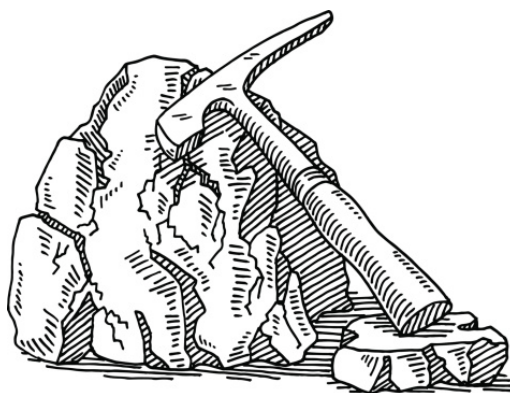


Calendar of Events

April 6, 2018, CMS April Meeting at St. Paul's Episcopal Church, Lakewood, 7:30pm

May 4, 2018, CMS May Meeting on Field Trips at St. Paul's Episcopal Church, Lakewood, 7:30pm

Note: If the City of Lakewood is on accident alert due to winter driving conditions, the general meeting will be canceled. Check the website and your email for confirmation on any meeting cancelations.



<http://www.coloradomineralsociety.org>