



Colorado Mineral Society Mineral Minutes



Volume 82, Issue 8

November 2018

President's Message

by Debbie Kalscheur

Reflections on "Bob" and the idea of Minerals 360°

In the past year or so, I have been dialoging with members of CMS and other local mineral clubs on how the hobby of mineral collecting is changing. One trend that many are starting to recognize is the increasing demand for not only knowing the locality of where a mineral is from [the documentation of the mineral], but also for the complete story of how it was found and the journey it took to the museum, show or where ever one is when first introduced to it. The story is becoming more important as is the personal connection. For many of us rock hounds and prospectors, the idea that we are the first to ever lay eyes and hands on a discovered specimen is an intoxicating thought that makes the hours and physical effort to unearth the treasure all so worth it. But discovering the specimen is only the beginning of the story. The story continues with how that specimen is cleaned, cut, prepared and then used – either as a thing of utility, beauty or both. This is the concept of Minerals 360°.

Nothing illustrates this better than last month's general meeting presentation by Damon Hauschulz. In his presentation, "Colorado Basement and Large-Scale Lapidary", Damon took us on the ancient journey of "Bob", a boulder that existed deep in the earth before geological forces brought it to the surface at Alma, Colorado where Damon first discovered it and then continued the journey of transforming it. In the end, Bob became a work of art taking the shape of an amazing fireplace hearth and floor that to me, looked like waves of sand forever immobilized within the shiny, flat surfaces of a welcoming room.

It is incredibly special when we as individuals participate in the entire creative cycle from discovery of minerals to the final use of them. It produces meaningful connection. Although the CMS education program has not focused like other clubs have on lapidary and/or faceting, these are part of the Minerals 360° concept and something CMS could explore for future education programs if there is interest.

The Wire Wrapping courses offered in the 2017-2018 meeting season were very popular and a great example of developing the skills required to present stones that were either purchased or perhaps were found, cleaned, prepared, then wrapped all by a single person. Quick reminder that wire wrapping classes are being offered again this Fall and space is still available for the Beginner Wire Wrap class coming up the first two Mondays in November. We want to make sure to give all new members a chance to learn this useful and fun skill. There is still time to secure your spot!

Of course, material for creative projects cannot always be found, sometimes rare and hard to find material is best purchased. On that note, I want to remind everyone that due to very generous estate donations over the summer and featured in last month's newsletter, CMS will be having a rock sale this Nov. 3rd and 4th. There is some great agate,

petrified wood, and other lapidary material that will be on sale at very reasonable prices. Also, this sale benefits CMS activities and educational offerings, so to participate in this sale is a double win! The first hours of the sale will be for CMS members only. Please make sure to mark your calendars. The specific address will be provided by email the night before the sale.



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President's Message (continued)

November is almost here and it is an even calendar year which follows that it election season. I would like to gently remind all who are registered voters to make voting a priority in your schedule. It is so very important to participate in the process. And just like public offices are up for election, CMS will also hold the annual officer elections in December. It is the only club business that happens at the December meeting. If you are interested in being considered for a CMS elected office, please contact John Smith. He is the current Nominations Chairperson.

Please also note that the December meeting/Christmas Party will be held at the Clements Community Center on Yarrow Street this year. This is a change from previous years, so we want to make sure everyone takes note so no one misses out! You will get another reminder in the December newsletter. Hope to see you all at the November CMS general meeting!

Next CMS General Meeting November 2, 2018

The next CMS general meeting will be at St. Paul's Episcopal Church, Lakewood, 7:30pm-9pm. The speaker will be Rob Wesson who will be talking about "Darwin's First Theory: Exploring Darwin's Quest to Find a Theory of the Earth". An abstract of the talk is located on Page 3. Rob will be bringing some copies of his book to sell after his presentation.

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 50th Anniversary books.

CMS Junior Rockhound Program It's Lights out in November!

by MistyAnn Bateman, Junior Rockhound
Coordinator

For November's meeting, we will be learning about fluorescent minerals and UV Lights. This will be a great time to bring a rock from your collection to see if it fluoresces under short or long wave lights.



CMS New Members

First Listing

Karla Blanton
Alice Gemmell
Josephine and Doug Williams
Elizabeth and Jim Wilson

Second Listing

Paul and Rebecca Tower & family

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



Save the Date Holiday Party

Friday, December 7th at 6:30pm

Clements Community Center
1580 Yarrow St., Lakewood, CO 80214
(Colfax Ave and Wadsworth Blvd)

Come celebrate the season with good company, fun things to do, entertainment, good food, and contests.

- ❖ **Pot Luck Food**
- ❖ **Kids Mineral Challenge**
- ❖ **Amateur and Expert Mineral Challenge**
- ❖ **Entertainment – Madrigal choir**
- ❖ **Cake Steal**
- ❖ **Raffle**
- ❖ **Mitten and Hat Donation**
- ❖ **Visitor from the North**



November General Meeting Speaker Presentation

Darwin's First Theory: Exploring Darwin's Quest to Find a Theory of the Earth

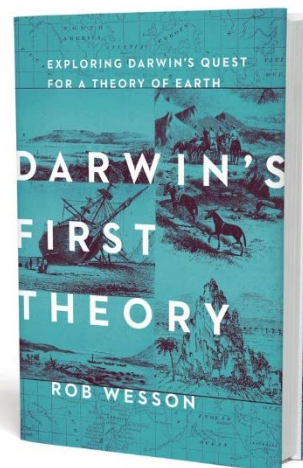
Talk by Rob Wesson

Everybody knows—or thinks they know—Charles Darwin, the father of evolution and the man who altered the way we view our place in the world. But what most people do not know is that Darwin was on board the HMS *Beagle* as a geologist—on a mission to examine the land, not flora and fauna. Or about Darwin's seminal role in demonstrating and exploring the ups and down of the Earth's crust. This is the story told in Rob Wesson's book, *Darwin's First Theory*, and that he will share with us.



Portrait of Charles Darwin by George Richmond.

Retracing Darwin's footsteps in South America and beyond, Rob trekked across the Andes, cruised waters charted by the *Beagle*, hunted for fossils in Uruguay and Argentina, and explored sites of long vanished glaciers in Scotland and Wales. As he followed Darwin's path—literally and intellectually—he experienced the land as Darwin did, engaged with his observations, and tackled the same questions Darwin had about our ever-changing Earth.



Upon his return from his five-year journey aboard the *Beagle*, after examining the effects of earthquakes, tsunamis, volcanic eruptions, and more, Darwin conceived his theory of subsidence and uplift,—his first theory. These concepts and attitudes—the vastness of time; the enormous cumulative impact of almost imperceptibly slow change; change as a constant feature of the environment—underlie Darwin's subsequent discoveries in evolution. And this peculiar way of thinking remains vitally important today as we enter the human-dominated Anthropocene age.



Surveying on FitzRoy's platform on Isla Santa Maria off the central Chilean coast after 2010 earthquake.



Rob showing his location on Darwin's section across the Andes.

Continued on Page 4

Darwin's First Theory(continued)

As the New York Time Book Review wrote, Rob's book "dares, thank goodness, to work some of the rare Darwinian territory that is actually underexplored. Tracing the young Darwin's tracks ... Wesson relates how Darwin hatched his first, favorite, and most overlooked substantive theory, on the origins of coral reefs. In both method and vision—imagining forms changing slowly over time in response to changing conditions—this precocious, even audacious idea anticipated and possibly inspired the theory of evolution Darwin would publish two decades later."



A sketch shows the ruins of the cathedral at Concepción after the 1835 quake in Chile.

About Rob

Rob Wesson is an earth scientist who also loves stories. As a kid growing up in the Pacific Northwest, he became fascinated by mountains and glaciers. This interest led to a BS in earth science from MIT, and an MS and PhD in geophysics from Stanford University. His career in earthquake research with the U.S. Geological Survey (USGS) spans four decades, where he is currently a Scientist Emeritus. He has also written about science for a popular audience for the USGS and for *Scientific American*. In retirement, his research has turned to Chile where he is collaborating with a team exploring large earthquakes, tsunamis, and associated tectonic questions. This work has been supported in part by grants from the National Science Foundation. When not traveling to South America or elsewhere, Rob divides his time between his home in Evergreen, Colorado, and the cabin he built near McCarthy, Alaska.

Rob first became interested in Darwin and his geology through reading *The Voyage of the Beagle* on a vacation trip to Patagonia. He became captivated by Darwin's prodigious powers of observation and his insatiable need to understand and explain. Whatever rock, fossil, landscape, rodent, bird, or beetle that he found, Darwin wanted to tell its story.



Rob Wesson at Iceberg Lake.

CMS Education Update

The CMS Education Committee is happy to announce the beginning wire wrapping course to be held November 5th and 12th from 6:30pm-9pm with the advanced wire wrapping course to make holiday gifts tentatively scheduled for Saturday, December 8th from 10am to 4pm. 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!

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.

For the advance one-day wire wrapping class in December, the cost is \$50 paid for by the students. There is a minimum 10 students and a maximum of 15 students. The one-day class will occur on a Saturday in December.

There are still a few spots available for the beginning and advanced classes, which you can sign up and pay at the November 2nd 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 November 2nd meeting, please email Ben Geller at geller520@gmail.com and you can make arrangements to send payment to the CMS post office box (P.O. Box 280755, Lakewood, Colorado 80228-0755). The curriculum is listed below for the beginning wire wrapping class. Details of the advance class will be emailed to you and put in the December edition of the newsletter.

November Basic Wire Wrapping Class – Pendant

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

November 5th 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 12th 6:30 pm to 9 pm ... Part 2, Completion of Pendant

****Please note:** Students must bring back project from 1st 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.



Rockhound Origins

by Bruce Geller

I was six years old when I became interested in rocks. My father, a family physician in Philadelphia, had a patient who took a distant trip. She mailed us a box with six small specimens. One was a nicely terminated colorless quartz crystal that probably came from Arkansas, which I thought was cool. Another had several schorl crystals in milky quartz. I can't remember the others, but I actually spent hours examining them and often took them to school for Show and Tell.

At about that time, I began exploring my suburban neighborhood for rocks. There was an "empty lot" near the end of my block. This was where people dumped unneeded things and we simply called it "the dump." I spent many days rock hunting at the dump. The most prevalent material was the milky quartz that was paving the dirt road leading into it. I filled my pockets with these treasures and my mom told me that they had to be taken from my pants before they were put into the washing machine because they were getting everything soiled. Eventually I found the larger rocks along the walls of the dump more interesting, as these were weathered pegmatite pieces with relatively large feldspars, quartz, and mica, but nothing terminated or comparable to Colorado material.

I got turned onto mineralogic literature at a young age by reading a children's paperback written by Herbert Zim. I liked to visit the Philadelphia library on Saturdays. My dad dropped me off in the morning and returned mid-afternoon when he finished work. It wasn't long before I read every single book on the shelf, and there must have been dozens. I may not have understood all the technical aspects, but I quickly learned the names, chemistry, and physical properties of many minerals – particularly the ones found in Pennsylvania.

The Academy of Natural Science, across the parkway from the library, had a huge mineral and fossil collection where I spent many Saturdays looking at classic pieces from several famous collectors and localities, as well as dinosaurs, animal dioramas, etc. One of my absolute favorites was a blue druzy quartz from Arizona, which is now known as "gem silica," as well as one of the largest single amethyst crystals ever found on earth, which happened to come from Pennsylvania. At about this time, my younger brother also got interested in rocks.

At 14, I joined the Mineralogical Society of Pennsylvania, the Philadelphia Mineral Society, and the Leidy Microscopical Society. The latter two clubs met at the Academy on the first and third Thursday nights each month. In these clubs, I enjoyed my first organized field trips and lectures. I even got to be mentored by practicing geologists, such as Dr. Arthur Montgomery, who also attended these meetings and field trips. Amazingly, those were the years when Dr. Montgomery created the Friends of Mineralogy and the Mineralogical Record.

You wouldn't believe where my dad drove our 1967 Chevy station wagon, just so we could rock collect! One of those destinations was Franklin, New Jersey where I got turned onto fluorescents by an 8th grade science teacher. Our 700 pounds of fluorescent rocks nearly broke my mother's concrete laundry room sink! We even drove that car to Arkansas in 1975 to dig quartz crystals amidst gobs of that famous red clay that stained our car and our clothes.

Eventually I began formal geology education in college in Pennsylvania, followed by graduate schools in New York and Boston. This prepared me well for entry into the mining industry in Denver, where I worked as an exploration geologist (and joined CMS), research consultant, geologist/columnist; college professor and technical editor (while I simultaneously helped raise two kids and completed a Ph.D. at CU), mineralogist, exploration office manager, and museum director. You never know how far rocks and minerals will take you!



Rocky Mountain Federation News
www.rmfmts.org



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

October 5, 2018 Raffle News

October's ticket sales amounted to \$101, with the retail value of \$315. The most popular specimen was the korbite boulder opal (\$54), it was donated by **Orca Gems** and won by a *Debbie Kalscheur*. The moonstone earrings (\$14) donated by **K & M Enterprises** was won by *Phyllis Bray*. The star sapphire specimen (\$13) donated by **Great Wall Consulting, Paul Liu** was won by *Kevin Atwater*. The petrified wood (\$9) that was donated from the **Bob and Mary Disney Collection** was won by *Alice Gemnell*. The acanthite & acanthite after pyrargyrite specimen (\$7) donated by **Cowboy Crystals** was won by *John Smith*. Last but not least, *James Mahony* won the mica specimen (\$4) that was donated from the **Muriel Colburn Collection**.

Donations of the specimens for the Raffle are greatly appreciated and 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 John Kleber and Susan Duncanson for helping with the raffle.

Congratulations to all the lucky winners!!!!

Submitted by Eva Siemonsma, CMS Raffle Manager

Calendar of Coming Events, November 2018

by Pete Modreski

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

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/mmodas/>. 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>.

GEM & MINERAL SHOW

NOVEMBER 16-18, 2018

Jefferson County Fairgrounds



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

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

Colorado Mineral Society

Huge Rock Sale

Saturday, November 3, 2018

CMS Members Only: 10am – Noon

Public: Noon – 4pm

Sunday, November 4, 2018

10am – 4pm

Location: Near Belmar in Lakewood, CO

Address of sale location will be emailed to CMS members on Friday evening, November 1st or call Amber Friday night at 720.480.5234 for location. For information, send email to editor.coloradomineralsociety@gmail.com

Sale includes large quantities of rough material:

- **Buckets and containers of rocks, including lapidary material, jasper, agate, petrified wood, and misc material (sold by the bucket or by the pound)**
- **Vintage and antique wire and metal crates full of rocks (buy the crate and rocks together or just the rocks)**
- **Large petrified wood pieces and other rock material (20+ lbs)**
- **Many cut slabs**

Bring Your Own Buckets, Sacks, and Containers!!!!

Cash or Checks Only

Colorado Mineral Society General Meeting on October 5, 2018

Call to Order – Debbie Kalscheur, President at 7:30pm

Attendance: 68 adults and children

General Announcements:

Debbie Kalscheur welcomed visitors and new members. She talked about the September Denver Show and CMS 1st Place Prospectors Trophy. Thanks to all those who volunteered. She also recognized Chris Keilman and others for creating the prospectors display case theme. Debbie also talked about the CMS strategy initiative and the committee that was formed. She reported on open leadership positions, including donation chair and hospitality.

Paul and Cindy Hatfield gave out door prize tickets and introduced new visitors.

Officer and Committee Reports:

Gary Rowe, 1st VP and Field Trip Chair – reported a successful field trip season, he is working on new trips including a new state for next year.

Ben Geller talked about the upcoming basic wire wrapping class in November and an advance wire wrapping class in December. In addition, Boyd Cook has offered to teach a class on assembly of small ultraviolet flashlights, which will be done in December. Sign-up sheets were offered.

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

Melanie Dies read the new member names to the group and took membership renewals along with Leslie Osgood.

Chris Keilman recapped the Denver Show display case and described the theme.

Amber Brenzikofer reported on 2018 Denver Show attendance numbers. She also sold CMS t-shirts, new bumper stickers, and the Denver Show 50th Anniversary books.

Door Prize Winners:

Katherine Brannan	Kelly Eck
Phyllis Bray	Elizabeth Wilson
Wendy Carley	Brenda Wray

Raffle - Eva (see Raffle news in this newsletter)

Presentation: Damon Hauschulz presented “*Colorado Basement and Large-Scale Lapidary*”.

Meet adjourned at 9:45pm.

Notes taken by Amber Brenzikofer for the Secretary

CMS Membership Dues

A 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.

Colorado Mineral Society Board Meeting on October 16, 2018

Attendance: Debbie Kalscheur, Ben Geller, Eva Siemonsma, Leslie Osgood, Chris Keilman, and Amber Brenzikofer

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

Open Positions Review

- Donations Chair (coordinate all donations including estate donations)
- Hospitality (Boyd Cook has volunteered to backup Star Edwards)
- Grab Bag Chair

Items for Board Approval

- Hospitality food purchases should continue and hospitality chair to submit receipts to Treasurer for reimbursement. Remind members to bring treats for the group in lieu of providing a donation.
- Request for CMS logo. Get logo copyright policies from vendors before giving CMS logo to them for cost estimates and mock ups.
- CMS holiday party, request for expenditure at Clements Center on December 7th from 6:30pm to 10pm, \$157.50 with a deposit of \$200. The Clements Center can only hold 120 people maximum. Request for \$125 for choir. Need to reissue check to Bear Creek High School Choir from last year's holiday party, check was not cashed. All approved.

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Special Topics

- Bob and Mary Disney, John Jezek, and Muriel Colburn Estate Donations Plan – Rock sale tentatively scheduled for November 3rd and 4th from 10am-4pm each day. CMS members only from 10am-noon on Saturday. Need to create a flyer to send out to members. Set up on Saturday morning before sale.
- T-shirts and polos – Boyd Cook has a new vendor and a new ink printing process (not silk screen) to print CMS logo on t-shirts and polos. Requested a copy of the logo to do a mock-up, but will first need to get vendor's copyright policy before CMS logo will be released.
- 2019 Facilities Change Committee – tabled until next meeting
- Strategic planning update – planning committee is tentatively scheduled to meet November 17th at 6:30pm at the Denny's at 6th and Union.
- Colorado Springs information request on membership numbers – update from Debbie.

Officer/Committee Reports

- Education – Ben reported upcoming classes and other education possibilities:
 - Beginners Wire Wrap Class scheduled for Nov 5th and 12th, need 2 more people (send out email blast)
 - Advanced Wire Wrapping Christmas gift project tentatively scheduled for December 8th.
 - Black Light Class – TBD
 - Roxanne – private geology tours next spring
- Membership – Leslie read the new members to the Board
- Treasurer – No report
- Raffle – Eva reviewed the raffle financials
- Newsletter – Amber – November newsletter deadline is October 24th
- Meeting Season Speaker Lineup – Amber reported that 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: November 20th Location: Leslie's unless otherwise notified

Meeting adjourned at 9:00pm.

Notes taken by Amber Brenzikofer

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: John Smith

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



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.

Any material herein may be reproduced by any club if proper credit is given. Material from many sources is used in the Mineral Minutes. While it is believed that these items are accurate, neither the editor nor CMS assumes any liability for their use. Advertiser's claims are their own, and their products are not warranted by CMS.

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



Colorado Mineral Society
PO Box 280755
Lakewood, CO 80228

FIRST CLASS MAIL



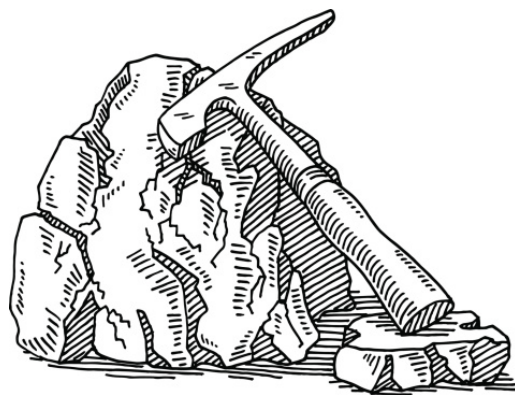
Calendar of Events

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

January 4, 2019, CMS General Meeting at St. Paul's Episcopal Church, Lakewood, 7:30pm-9pm

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>