



Colorado Mineral Society Mineral Minutes



Volume 80, Issue 7

October 2016

President's Message

by John W. Smith

Hello everyone. Welcome back to the business / meeting season of rock hounding. Hope your collection season was enjoyable and productive. I look forward to seeing all of the great finds (to me anything "pretty" is a great find) and hearing the stories behind them.

In a few short months we will be having club elections and ensuring that all of the other functions that support club activities are staffed and ready to go for next year. I am sure all of you know what I am about to say next – we (the club) need your support. Any help you can give would be appreciated – even if it is only one hour a month doing something as simple as helping to set up and then cleanup the room that we meet in. If you have any special skills (finance, IT, etc.) we are especially in desperate need of those. Look elsewhere in the newsletter for information as to what "skilled" labor is needed. The success of the club is up to you, so please step up and be there for the good of the club.

Not only are your physical contributions needed, we are on the lookout for information as well. If in your travels you hear of a possible fieldtrip site that the club has not been to before, please bring that information to the attention of the Field Trip Coordinator. Every effort is made to make interesting and fun field trips available, but to keep that effort moving forward possible new sites would be welcomed. But that is not where it stops. New information about any activity the club sponsors would be just as welcomed.

Enough pleading for the moment. Again, welcome back and I will see you at the next general meeting of the club.

Denver Show Success

Hello Show Volunteers,

I wanted to send out a heartfelt thank you for helping out with our September 2016 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. I have been told that our dealers have said that our show is very well run and that is because of all you do. We are starting planning for the 2017 Show which is our 50th anniversary show. For this momentous year, our theme will be Gold and Silver. It should be an exciting show with beautiful displays. I look forward to working with you again and hope to meet some additional new volunteers this year. We are always looking for more volunteers and new and fresh ideas.

Lesley Sebol,
Show Chair

Next CMS General Meeting October 7, 2016

This is a reminder that the next Colorado Mineral Society (CMS) general meeting will be on October 7th at 7:30pm at the St. Paul's Episcopal Church at 10th Avenue and Garrison Street in Lakewood. CMS meets the first Friday of the month from October through May. Visitors and guests are welcome to attend the general meetings. Feel free to check out our meeting before becoming a member. We are encouraging current members to bring snacks and desserts to share to supplement the hospitality snacks we normally have at each meeting.

For October, there will be no presentation, we will be viewing a short movie on a mineral-related topic, yet to be determined.

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COLORADO MINERAL SOCIETY OFFICERS

2016

President: John W. Smith

First VP-Programs: Gary Rowe

Second VP-Education: Debbie Kalschauer

Secretary: Sandra Gonzales

Treasurer: Eva Siemonsma

Appointed Board Members - Committee Chairpersons

Annual Auction: **OPEN**

Door Prizes-Guests: Cindy Hatfield

Library: Kevin Atwater

Display Chair: **OPEN**

Membership: Cara Reynolds

Membership Assistant: **OPEN**

Field Trip Leader: Gary Rowe

Field Trip Leader Co-Chair: Nels Grevstad

Nominations: Daryl Lamb

Grab Bags: Dale Block

Editor: Amber Brenzikofer

Historian: Amber Brenzikofer

Scrapbook: Jennifer Knies

Junior Rockhound Coordinator: Lewis Reynolds

Junior Rockhound Assistant: **OPEN**

Hospitality: Star Edwards

Donations: Debbie Kalschauer

Web Master: Julio Edwards

coloradomineralsociety@comcast.net



Representatives (Board Members)

Denver Council Rep: Bruce Sales

Denver Show Rep: Dale Gann

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. Displays are set up by members about one-half hour before meetings. Specimens may be available for sale and trade.

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. Additional meeting times, if necessary, may be called by the President or any three members of the board and will be announced at the general or board meetings.

MEMBERSHIP: Open to all persons who agree to abide by Society rules and rules of the Federations. Annual fees: \$16.00 for a Family or Newsletter Membership, \$14.00 for a Single Membership, \$12.00 for a Senior Membership (single or family over 65), and \$12.00 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 in the Colorado Contin-tail, the largest mineral swap show in Colorado; participation as a member of the Greater Denver Area Gem and Mineral Council in sponsoring the largest gem and mineral show in Colorado; 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 should be sent to Amber Brenzikofer, Editor, P.O. Box 280755, Lakewood, Colorado 80228-0755 or by email to:

editor.coloradomineralsociety@gmail.com

CMS Junior Rockhounds Program – October 2016 Meeting



That was fun! With a summer of successful CMS field trips and a very interesting Denver Gem and Mineral Show now behind us, we are looking forward to regular CMS meetings to keep us sharp until the next field trip season begins. The Junior Rockhounds again express their appreciation to the land owners or claim holders who granted us permission to collect and to the field trip leaders who organized and guided the excursions. Many of our Junior Rockhounds found amazing specimens this summer. We congratulate Kuyper Reynolds (second place: amethyst), Natalia

Kent (third place: fluorite), and Shealeene Kent (fourth place: barite on quartz) for finding especially nice specimens that caught the attention of the judges in the Junior Prospector Competition at the Denver Gem and Mineral Show. Let's all get ready for next year!

2016-2017 Program Overview: *Preparing to Prospect*

The "field season" is the highlight of our year! From spring until early fall, Society members lead many field trips to mineral and fossil collecting sites in Colorado and surrounding states. Towards that end, the focus of the CMS Junior Rockhounds Program will be to prepare parents or guardians and their children for the upcoming field season. Six lessons about finding "treasures" in igneous, sedimentary, and metamorphic rocks will be offered in the spirit of John Sinkankas' excellent guide for amateurs entitled *Field Collecting Gemstones and Minerals* (Phoenix, Arizona: Geoscience Press, 1988). The program's goal is to increase the confidence and enjoyment of our youngest rockhounds and their families.



- October. What is this rock?
- November. Prospecting for minerals in pegmatites.
- December. No regular meeting – enjoy the holiday party and the mineral identification challenge!
- January. Collecting fossils in Colorado.
- February. Finding minerals in metamorphic rocks.
- March. Preparing for a CMS field trip: planning, tools, and strategy.
- April. Turning those dirty, old rocks into a beautiful, organized collection.
- May. No regular meeting – CMS field trips' introductions and sign-ups.
- Summer 2017. Field trips!

These lessons may also be used toward various badge requirements of the American Federation of Mineral Societies (AFMS) Future Rockhounds of America program. (The CMS Junior Rockhounds just completed a three-year review of these badge topics. Please see the August 2013 CMS Newsletter, pages 7-8, for more information about this program.)

October Topic: *What is this rock?*

Overview: "I'm going outside to dig a mine for gold, diamonds, aquamarine, and dinosaur bones!" Do you have a hole in your backyard motivated by such ambition? Was your prospector successful?

Sinkankas notes that for most of human history, mineral deposits have generally been found by accident. In the last two hundred years, however, geologists and mineralogists have discovered important connections between *kinds of rocks* and *kinds of minerals* (Sinkankas' emphasis, p. 79). It is therefore a valuable skill to be able to recognize various igneous, sedimentary, and metamorphic rocks. Sinkankas is helpfully direct: "The lessons of geology are clear and it is foolish not to take advantage of them: to be successful in hunting for minerals and gemstones, the collector and prospector must know not only the minerals themselves but the rocks in which they are most likely to be found" (p. 80). This is our task for the October meeting.

Parents or guardians are strongly encouraged to attend the Junior Rockhounds Program with their children. Because our field trips require the participation of parents, our program is intended as much for adults as for their children. Although no supplies are needed for this meeting, a pencil or pen and a notebook may be helpful for taking notes.

2016 CMS Founder's Day Picnic

By Gary Rowe

The CMS Founders Day Picnic was held on September 10th at St. Paul's Episcopal Church and there were approximately 40 CMS members in attendance. September 2016 is a special month because it is also the 80th Anniversary of the founding of CMS. 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. Door prizes were given out, a quiz on African minerals (this year's theme for the Denver Gem and Mineral Show) was held, and selections for the CMS Club Prospector's 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 vote getters were:

- 1) 1) Aquamarine with Phenakite, Mt Antero, CO by Chris Keilman (Prospector Case Specimen #1)
- 2) Aquamarine, Mt Antero, CO by Chris Keilman (Prospector Case Specimen #2)
- 3) Aquamarine with Phenakite, Mt Antero, CO by Ray McPadden (Prospector Case Specimen #3)
- 4) Phenakite on Aquamarine, Mt Antero, CO by Amber Brenzikofer (noticing a theme yet?)
- 5) Amazonite and Smoky Quartz, Smoky Hawk Claim, Teller County, CO by Ben Geller
- 6) Botryoidal Goethite, U.S. 60 Mine, Socorro County, NM, by Glenn Schoales
- 7) Epidote, Calumet Mine, Chaffee County, CO, by Chris Keilman
- 8) Linarite on Galena with Fluorite, Blanchard Mine, near Bingham, NM, by Chris Keilman,
- 9) Topaz, Topaz Mountain, UT by Amber Brenzikofer
- 10) Aquamarine, Mt Antero, CO, by Mary Schons
- 11) Aquamarine, Mt Antero, CO, by Jim Hall
- 12) Amazonite and Smoky Quartz, Smoky Hawk Claim, Teller County, CO by Lewis Reynolds
- 13) Amethyst, Red Feather Lakes, Larimer County, CO by Lewis Reynolds
- 14) Quartz on Barite, Blanchard Mine, near Bingham, NM, by Glenn Schoales
- 15) Doubly Terminated Quartz, Red Feather Lakes, Larimer County, CO, by Ron Pearson

Several other specimens from Chris Keilman, Glenn Schoales, Ben Geller, and Lewis Reynolds that received votes were used in the club table display case. Thanks everyone!

Thanks also to Bruce Geller for coming up with the African minerals quiz and donating baculites for prizes. Last but definitely not least, very special thanks goes to Amber Brenzikofer for creating the Club Prospector's Case 80th Anniversary geode cake and decorations for display of the specimens.



Photos by Amber Brenzikofer



2016 Denver Gem & Mineral Show Recap

By Amber Brenzikofer

CMS was well represented at the 49th Annual Denver Gem & Mineral Show on September 16-18, 2016 at the Denver Mart. 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 taking on the Show Chair position this year; 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. Some of those homework questions are “challenging” even for me. 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. Our give-away supply was nearly wiped out this year, so plan to collect some extra specimens next summer for the kids. A special thanks goes out to Dale and Virginia Block for supplying 600 grab bags on CMS's behalf for this year's show. Another special thanks goes to Tom Marquez at Pyramid Print and Graphics for printing, as a donation to the club, the 80th Anniversary banners for the top of the display cases and CMS brochures that were given out at the club table.



CMS club table at the 2016 Denver Show draws a crowd for free rocks and minerals

CMS won first place for the Club Prospector's case competition; yes, we are back on top once again!! Chris Keilman found the two largest aquamarines on this year's CMS trip to the Blue Star claim (a big thanks to Craig and Tracy Cardwell for letting us display them). Ray McPadden found the third aquamarine (with a phenakite) that was displayed on the cake below. There were several other specimens chosen to help fill out the Prospector case with other interesting finds this past year. The geode cake was fake, made out of wood 4x4's and spakling for frosting, with acrylic crystals so it would not melt under the hot display case lights (thanks to my Dad for helping me make the fake cake!). An 80th Anniversary card was signed by those that attended the CMS Founders Day picnic and added to the display. Thanks to everyone who helped put the displays together, including the club table display. It was very helpful to have a field trip list and specimens in the club table display case that were collected on CMS field trips this past year to show prospective members.



First Place Club Prospector Case



This year's top three aquamarine specimens



CMS President, John W. Smith III, accepting the first place plaque

2016 Denver Gem & Mineral Show Recap (continued)

The Junior Prospector's Competition (ages 6 to 14) for self-collected specimens was won by CMS Junior Rockhounds (photos below): first place went to **Hunter Kokkinen** for a Celestine/Calcite specimen from Utah, second place went to **Kuyper Reynolds** for a large Amethyst crystal from Red Feather Lakes, third place went to **Natalia Kent** for a Fluorite specimen from the Blanchard Mine in New Mexico, and there was a fourth place tie between **Shealeene Kent** for her Quartz on Barite specimen and **Hunter Kokkinen** for another Celestine specimen. Other CMS Junior Rockhounds who entered specimens this year included **Alexandria Kent** and **Isabella Kent**. Congratulations to all our junior rockhounds and this is a reminder for next year that juniors can enter up to three specimens in the competition. Talk to Lewis Reynolds, the Junior Rockhound Coordinator to find out how easy it is to enter the competition. Other winners from the Denver Show special competitions are presented below.



**We are Proud
of our Junior
Rockhounds!!!**

Denver Gem & Mineral Show 2016 - Winners in the Special Competitions

Submitted by the Denver Show Committee

Richard M. Pearl Trophy: Les Presmyk (Azurite Plate, Bisbee, Arizona)

Best of Species Trophy:

Thumbnail - Paula Presmyk (Rhodochrosite, South Africa)

Toenail - Nick North (Rhodochrosite, South Africa)

Miniature - Larry Havens (Sturmanite, South Africa)

Cabinet - Jack Halpern (Smithsonite, Tsumeb, Namibia)

Oversized Cabinet - Larry Havens (Japan Law Twinned Quartz, South Africa)

Best Fossil: Evan Walsh (Trilobite)

Prospector Trophy: Jim Hooten (Almandine cluster, Chaffee County, Colorado)

Junior Prospector Trophy: Hunter Kokkinen (Celestine/Calcite, Utah)

C. E. Withers Award: Scott Rudolph (Minerals from the Tsumeb Mine)

Winners of Competitive Exhibits:

Donna Chirnside Memorial Museum Trophy: Smithsonian Institution (Minerals of Africa)

Individual Competitive Case Trophies:

Thumbnails of One Mineral Species - Barbara Sky (Calcites)

Educational, General Audience, Skill, Lapidary - Keith Sheel (How to Make a Cabochon)

Fossils, Single Classification - Evan Walsh (Trilobites)

Club Prospector Trophy - Colorado Mineral Society (Happy 80th Anniversary)

CMS New Members

First Listing

- Mark Leatherman
- Brynna Gilbert
- David R. Bartholomew
- Marrielle Monte and Luis Canales & family
- Chad Seidel & family
- Lucas and Andrea Burroughs & family
- Dan Schoenstein
- Jason and Annick Sparks & family
- Gabriel Finkelstein & family
- Jason Chard
- Scott Savala
- Ellen Wingenter & family

Second Listing

- Coury and Thomas Langley & children
- Mitch and Kori Abrams & children
- Amanda Angell-Atchison
- Charles and Barbara Borawa
- John and Theresa Craddock
- Gary Fleming and Tim Cruickshanks
- Resa Fry-Wells and Tom Wells
- Dan Gillett & children
- Cathryn Johnson
- Lisa Murray
- Kyle and Gabrielle Shannon & children
- Kurt and Becky Triscori & children
- Brad Willkomm and Patti Leva
- Daniel L. Alden
- Jerry and Jodi Rueschhoff & children
- Norma Swanson
- Ozlem and Brian Witte & children
- Jody and Johnathan Dobbs & children
- Erin Delventhal
- Katharine Sleboda
- Dustin and Caitlin Canaan & children
- Joseph and Amelia Bottjer & children
- Nina Geller
- Nelson and Carole Renouf

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

CMS Officer and Appointed Board Positions Available

CMS is seeking expressions of interest for one Officer position and six appointed Board member positions. Please contact John Smith or one of the other Board members if you have an interest. Available positions include:

- **Secretary (Officer Position)**
- **Auction Chairperson**
- **Display/Exhibits Chairperson**
- **Donations Assistant**
- **Assistant Treasurer**
- **Membership Chairperson** (start as an assistant for training, IT or database background helpful)
- **Junior Rockhound Assistant**

2016 Education Program Update

by Debbie Kalscheur, Second Vice-President-Education

Mineral Identification Course – Moved to Spring 2017

Ed Raines has decided to move the class until next spring. We will plan the course to begin in early March. Please plan on Mondays from 6-9pm. As a reminder, it is a 10-class curriculum and we are planning on a cost of \$75 per person and/or couple (two people living at the same address). If there is a change to the cost it would be due to cost associated with a new venue once that has been determined.

This course is a popular course that has been offered several times to CMS members in recent years. In this course, you will receive hands-on experience with mineral identification techniques along with gaining an understanding of basic Crystallography and the 6 core crystal systems. Participants will be issued microscopes and flats of minerals for use during the class. This course is designed to establish a working base of knowledge that students will be able to use in the field or at the shows to identify minerals and mineral associations. This is a great course for those who are new to the mineral world or who just want to expand their skills in accurately identifying rocks and minerals. The course culminates in a test on the last day of course for purposes of measuring your confidence in what you have learned.

The class can accommodate 10 people ages 13 and up. All students under age of 18 must be accompanied by an adult. Payment guarantees a spot in the class. If there are less than 10 slots filled and you previously took the class and want to retake it again, you can pay the full price of the class of \$150 to retake it. Contact Debbie Kalscheur with any questions.

2016 All American Federation Club Award

CMS has won a bronze medal in the American Federation of Mineralogical Societies (A.F.M.S.) All American Club Award Competition for large clubs. The award year covering 2015 had six entries for the All American Club awards. A special thanks to Jennifer Knies for putting together a great 2015 CMS Yearbook! The summary of winners includes:

Honorable Mention for Small Clubs – Gem, Lapidary, and Mineral Society of Washington DC

Bronze Award for Large Clubs – Colorado Mineral Society, Rocky Mountain Federation

Bronze Award for Small Clubs – Wayne County Gem and Mineral Club of Western New York

Silver Award for Small Clubs – Wisconsin Geological Society, Milwaukee, WI, Midwest Federation

Silver Award for Small Clubs – Lincoln Gem and Mineral Club, Lincoln, NE, Midwest Federation

Gold Award for Large Clubs – Pasadena Lapidary Society, California Federation



Rocky Mountain Federation News

The Rocky Mountain Federation of Mineralogical Societies (RMFMS) is made up of 81 clubs representing 13 Western states. CMS is a member of RMFMS. The Rocky Mountain Federation News is published monthly and is located at www.rmfmts.org.



A.F.M.S Newsletter

The American Federation of Mineralogical Societies (A.F.M.S) serves seven regional federations, including RMFMS. The A.F.M.S Newsletter is published monthly and is located at <http://www.amfed.org/news/default.htm>.

The October 2016 issue has a list of proposed National Monuments all across the country including Colorado that could affect rockhounding activities.



Rockhounds are a Curious Lot

By Dave Offret, 2014

Those Rockhounds – They,
Are a curious Lot,
To go the mall?
They'd rather not,
To go to a beach
On a bright sunny day
And just Relax?
They shout, NO WAY!
There's Canyons a'callin'
Places to explore!
Dirt roads to travel!
We need to find more!
With buckets and bags,
They scour the plains,
They search every cranny
For whatever remains...
With grins on their faces
And the sun's Burnin' ray,
It takes more than that
To keep them away!
With bugs that are bitin',
And thorns on the ground,
There's rocks that need pickin'
Cries every Rock Hound!
And so off they go
Up into the hills,
With glazed looks in their eyes,
And occasional squeals..
And shouts when they've found
The treasure they seek,
Yes, rockhounds are strange!



They're really unique!
Now, Rockhounds love nature,
We all know it's true,
So when they take a rock,
Here's what they do..
They bring little marbles
To put in the place
Of the rock they've removed,
And so, no disgrace!
Now the moral to this story,
Tis' easily found,
When you've LOST all your marbles,
You're a GOOD ROCK HOUND!!

Attention Field Trip Participants

This is a request from the editor to take some time in the next several months to prepare a small (or long) report/story about a CMS field trip you took or led this year and include some pictures, if available. Send it to the editor so she can include them in the upcoming newsletters. We also need field trip reports/stories/drawings from our Junior Rockhounds, so please encourage your children to write about or draw their experiences and finds.



Thomas A. Marquez

2300 W. 2nd Ave., Ste. A
Denver, Colorado 80223
(303) 294-0418 PH.
(303) 294-0215 FAX
e-mail: tpyramidprint@cs.com
www.pyramidprint.graphics

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37TH ANNUAL NEW MEXICO MINERAL SYMPOSIUM

November 12 and 13, 2016

The 37th annual New Mexico Mineral Symposium will be held Saturday and Sunday, November 12th and 13th, at the New Mexico Institute of Mining and Technology, Socorro, New Mexico. The symposium consists of a day and a half of formal papers presented in 30-minute talks. This year's speakers feature Barbara Muntyan (Fluorite localities of Arizona); Larry Havens and Jack Thompson (All that glitters); Michael Spilde, Steve Dubyk, William Moats, and Brain Salem (The Petaca District, NM); Tom Rosemeyer (Collecting the San Juans II); Jane Bardal (Whatever happened to the mineral specimens from Captain Jack's Black Queen Mine?); Mark Jacobson (Cultural aspects of mineral collecting in China); Herwig Pleckman (An unrightfully unknown geologist); Nathalie Brandes and Paul Brandes (There once was a goat names Kāyre: Over a millennium of mining from Falu Gruve, Sweden); John Cornish (Featured Speaker - Upside down and in the future, mining Tasmania's Adelaide Mine); Virgil Lueth and Kelsey McNamara (The evolution of uranium mineralogy in New Mexico); Philip Simmons and Michael Sanders (Fabulous fluorites and other minerals from Cooke's Peak: Following in the footsteps of legends); Les Presmyk (Quartz from Arizona); and Ramon DeMark and Virgil Lueth (A New Mexico occurrence of sidwillite and other molybdenum secondary minerals). On Saturday evening, there is a dinner and silent auction. For registration information call 575-835-5302.

Field Trip: There will be a field trip to Copper Flat Mine on Friday, November 11th led by Virginia McLemore. The mine is a porphyry copper/breccia pipe deposit located west of Truth or Consequences, approximately 100 miles south and west of Socorro (driving time 1 ½ hours). Collecting will be permissible at the open pit and surrounding rock piles. Plus they will set up some gold panning in the creek. To sign up for trip and further information: virginia.mclemore@nmt.edu.

Editor's Note: Upon checking today, registration online was not yet available. Also, Gary Rowe is working on additional field trips for CMS participants in the symposium for those who can arrive a couple days early (one trip may be to the US 60 Mine to look for botryoidal hematite and goethite). As soon as the option are available, the editor will send out an email to CMS members.

Announcing another superb Mineral, Fossil, and Book Sale



CSM Museum
1310 Maple Street, Golden, CO

**Saturday and Sunday,
October 29th + 30th, 2016
9 A.M. - 4 P.M.**

Hundreds of minerals, fossils, books, maps, etc.

Prices vary by item or box. Most prices will be reduced throughout the event.

Information: 303-273-3815

CMS Membership Dues Reminder

CMS memberships run from January 1st to December 31st. You can pay your 2017 membership dues starting in October 2016 in three ways:

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. Cards will be mailed to you.
3. Fill out a membership form and bring cash or check to a field trip to receive a temporary membership card.

CMS Membership Fees:

Family: \$16 per year

Single: \$14 per year

Senior 65+ (single or family): \$12 per year

Junior (<12 years old): \$12 per year

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. A new membership form is located on the CMS website at www.coloradomineralsociety.com.

If you ordered a name badge, they will be available at the general meetings to pick up. Alternative methods of delivery for name badges may be available, so contact Cara Reynolds or Amber Brenzikofer to coordinate.

CMS Board Meeting on September 20, 2016

Attendees: John Smith, Debbie Kalscheur, Eva Siemonsma, Cara Reynolds, Bruce Sales, Amber Brenzikofer, Leslie Osgood

Old News:

- Board appointed positions are still open, make an announcement at next general meeting: secretary, assistant treasurer, membership chairperson (start as an assistant for training, an IT or database background would be helpful), junior rockhound assistant, auction chairperson, donations assistant, and display chairperson.
- Education - Debbie Kalscheur reported on educational opportunities:
Ed Raines has decided to move the Mineral ID class to next spring, plus only 4 members had paid for the fall class. Ed is still looking for a place to hold the class.
- Next Board Meeting: We need to move the October Board meeting location because Leslie Osgood will be out of town that month. A reminder that Board meeting has been moved to 7:00pm as of last month's Board meeting.
- Denver Council: Bruce Sales reported that the Council will meet next week.
- Denver Gem and Mineral Show: The 2016 Denver Show was a success. CMS took first place in the Club Prospector competition. For those members who sewed grab bags this past year, their names have been put into a drawing for a new sewing machine and the drawing will be held at the October CMS general meeting.

New Business:

Treasurer's report: Eva Siemonsma reviewed with the board the financials from July 1, 2016 (See treasurers detail at the next meeting). Education funds received from the raffle need to be spent within one year. Lewis Reynolds indicated that the Junior Rockhounds need some equipment, so he will provide a list with costs.

As of September 20, 2016 Treasurer Report

CMS Income 10/1/15 – 9/20/16	\$7,949.24
CMS Raffle Income	\$1,807.11
CMS Expenses 10/1/15 – 9/20/16	\$6,633.76
Net Diff:	\$3,122.59

See treasurer's detail at the next meeting.

Newsletter: Amber Brenzikofer reported that the deadline for newsletter is September 29th.

Membership: Cara Reynolds read the names of all the new members that have joined CMS since May. It was discussed that the membership form should be revised to include additional information, such as occupation, so we can look for potential volunteers.

Storage Unit: Amber proposed that CMS's cost of the storage unit be reduced so she can utilize more of the space for personal items, so CMS will pay a prorated amount of \$30/month. A motion was made and approved by the Board.

Presentations: Gary Rowe has been working on presentations for the general meetings. Philip Persson may do a talk in November about fluorescent minerals. Pat Tucci may be able to do a presentation in 2017.

Meeting Adjourned.

Notes taken by Amber Brenzikofer for Sandra Gonzales, Secretary





Colorado Mineral Society
PO Box 280755
Lakewood, CO 80228

FIRST CLASS MAIL



Calendar of Events

October 7, CMS October General Meeting at St. Paul's Episcopal Church, Lakewood, 7:30pm

November 4, CMS November General Meeting at St. Paul's Episcopal Church, Lakewood, 7:30pm

December 2, CMS December Holiday Party at St. Paul's Episcopal Church, Lakewood, 7:30pm



*Happy 80th
Anniversary
CMS*

<http://www.coloradomineralsociety.org>