



Colorado Mineral Society

Mineral Minutes



Volume 79, Issue 7

October 2015

Next CMS General Meeting October 2, 2015

This is a reminder that the next Colorado Mineral Society (CMS) general meeting will be on October 2nd 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 snack and desserts to share during the meetings to supplement the hospitality snacks we normally have at each meeting.

CMS Officer and Appointed Board Positions Available

CMS is seeking expressions of interest for new Officers and appointed Board members. Please contact Bruce Sales or one of the other Board members if you have an interest. Voting/appointments will occur at the December meeting. Available positions include:

- **President (3-year term)**
- **Secretary**
- **Assistant Treasurer Chairperson**
- **Assistant Membership Chairperson**
- **Assistant Field Trip Leader**
- **Assistant Jr Rockhound Chairperson**

President's Message

By Bruce G. Sales

I hope that you have had a great collecting season. Summer is over and Fall is here. There is still some great collecting this fall. CMS has a field trip scheduled for October 10th and 11th in the Thomas Range in Utah, including Topaz Mountain and the Dugway geodes site (see additional information in August's newsletter). Both of these collecting sites should produce excellent specimens. More information is located on Page 7 of this newsletter.

The 2015 Denver Gem & Mineral Show has come and gone; I hope that all of you got to the show and had a great time. I wish to express my thanks for all of the members that volunteered for the CMS club table and to all of the volunteers, not only in CMS, but all of the mineral clubs that volunteered for positions such as set-up/tear-down, security, ticket selling, and admissions. Without your volunteer time, the Denver Show would not happen. Now is the time to plan your volunteer time for the 2016 Denver Show; which will be September 16-18, 2016 with the theme of African minerals.

The speaker for the October 2, 2015 general CMS meeting will be Bill Harrison, his talk is titled "The World Series of Garnets". See an abstract of Bill's presentation on Page 3. Bill also will present a display from his collection of garnets.

In addition, we will set up the CMS Prospector's case from the Denver Show at the October meeting for everyone to see. I hope to see you there. The specimens in the case can be picked up after the meeting or by making arrangements with Gary Rowe or Amber Brenzikofer.

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COLORADO MINERAL SOCIETY OFFICERS

2015

President: Bruce G. Sales

First VP-Programs: Gary Rowe

Second VP-Education: Debbie Kalschur

Secretary: Sandra Gonzales

Treasurer: Eva Siemonsma

Appointed Board Members - Committee Chairpersons

Annual Auction: Howie Houk

Door Prizes-Guests: Paul and Cindy Hatfield

Library: Kevin Atwater

Exhibits: Harold Taylor, Leslie Sebol, Dan Wray

Membership: Cara Reynolds

Field Trip Leader: Gary Rowe

Field Trip Leader Co-Chair: **OPEN**

Nominations: Daryl Lamb

Grab Bags: Dale Block

Editor: Amber Brenzikofer

Historian: Amber Brenzikofer

Scrapbook: Jennifer Knies

Youth Activities: Lewis Reynolds

Hospitality: Star Edwards

Donations: Debbie Kalschur

Web Master: Julio Edwards

coloradomineralsociety@comcast.net



Representatives (Board Members)

Denver Council Rep: Daryl Lamb

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 Colorado Federation of Gem and Mineral Societies, 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 24th of the month prior to publication. All correspondence to Mineral Minutes should be sent to Editor, P.O. Box 280755, Lakewood, Colorado 80228-0755 or by email to:

editor.coloradomineralsociety@gmail.com.

October General Meeting Presentation

The World Series of Garnets

by

Bill Harrison

Garnet is a generic name given historically to a group of minerals that are closely related in chemical composition forming a series. Each of the individual minerals in the group has an accepted species name and some have accepted varietal names. The generic name Garnet is not accepted as a species. We will explore the World Series of Garnets and what makes each species related but different. Because the garnets are so closely related, the substitution of chemicals in each species is very free and easy. We will also explore the commercial side of Garnets and what it is that gives a trade name to a commercial stone.

Many people consider garnets to be inferior to other colored gems. This may be due to garnets' relative abundance and widespread use, and therefore a (typically) low price. Garnets vary greatly in color, though, and do possess high indices of refraction, are hard enough, are wonderfully transparent, lack cleavage and durable. Many Garnets are both rare and beautiful, producing genuinely precious gemstones. Some garnets are truly unique in the mineral kingdom and have much to offer as both gemstones and mineral specimens.

Bill Harrison is a former geology student at Colorado School of Mines and the University of Southern Colorado at Pueblo. He is a 42-year veteran mining engineer from various mining companies (coal to gold, open pit to deep underground) and an avid mineral collector for the past 40 years.

New CMS Members

First Listing

- Ray & Elizabeth McPadden
- Jerry & Julie Atkinson
- Randy Wilson
- Scott Graves
- Nancy Pierce
- Peter Reynolds
- Wayne Sibilis
- Jim Hall
- Lee Wilson
- Michael Knies
- David Lustig & Jennifer Goodland
- Jonathon Banks
- Carl (Bob) Carnein
- Giselle Kim
- Michael Todesco

Second Listing

- Barbara Eahehart
- Nickolas Knappe
- Tolan Ladenburger
- Jacob (Jake) Lara & Shelby Huston
- Diane & Richard Lee
- Bobby Manning
- Clyde & Gloria Phillips
- Ashley Rietman & Brooks (Richard) Chestnut
- Cara Schable & Adam Wilson & family
- Peggy Sziklas
- Scott & Claudia Thomas
- Doris Prior-Kofoed
- William D. Heran
- Joel & Laurie Sorensen & family
- Robert Ratliff

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

CMS Junior Rockhounds October 2015 Program

Topic: Earth Resources

Overview: After a summer of collecting, perhaps your eyes are now trained to spot beautiful mineral crystals for your collection. Did you know that many rocks and minerals also have very practical uses in our homes? Tonight we will consider everyday objects and the minerals that went into them. As part of our conversation, we will learn about the importance of the fluorite and minerals in the garnet family. Speaking of fluorite and garnets, we will also learn a little bit about the cubic crystal system. Come for the discussion and stories, and leave with a greater appreciation for minerals and a couple more specimens for your collection!

Parents are invited to attend the Junior Rockhounds Program with their children. We need at least one other parent, guardian, or member to help supervise each meeting. Although the youth do not need any supplies for this meeting, a pencil or pen and a notebook may be helpful for taking notes.

This topic motivates the Earth Resources badge in the AFMS Future Rockhounds of America program. More information about these optional activities outside of our meetings can be found below. Lewis will be available after the Junior Rockhounds meeting to explain the badge requirements and to answer any questions you may have about this program. (Also review our goals in the Junior Rockhounds Program in the CMS Newsletter for August 2015 which can be found at <http://www.coloradomineralsociety.org/newsletters/August2015.pdf> on page 6.

AFMS Future Rockhounds of America Badge Requirements (Optional):
http://www.amfed.org/fra/AFMS_FRA_Badge_Manual_Revised_2012.pdf

The Earth Resources badge is discussed on pages 31-38 of the manual.

Parents or guardians: please print the sign-off sheet on page 32 and check-off, sign, and date each accomplishment as it is completed. Submit the completed form to Lewis Reynolds to process the badge award.

Submitted by Lewis Reynolds, Coordinator

2015 CMS Educational Opportunities Update

We have a full Mineral Identification class with Ed Raines that started September 28th. We still have a few openings remaining for the GPS Navigation Class. If you are interested in attending this class, please contact Debbie Kalscheur. Please provide payment in the form of a check to confirm your spot.

GPS Navigation Class – confirmed for October 31st

Current status: 4 slots still available. \$10 to confirm. Ages 13+

Meeting Time: 10am to 3pm

Meeting Place: St. Paul's Episcopal Church in the Mardi Gras room (large room downstairs in basement), at 10th and Garrison in Lakewood.

COSTUMES ARE OPTIONAL!

A Note of Thanks

Thank you, anonymous donor, for the 34-pound box of Sedalia Copper Mine almandine garnets, Hartsel barites, Mt. Antero beryls, Devil's Head microcline and smoky quartz specimens, and Red Feather Lake quartz crystals. As you requested, we will distribute the specimens to our youth at the Junior Rockhounds Program meetings. Given the size of your donation, excess material will be given to other school-aged children to inspire their interests in the earth sciences.

Thanks again!
Lewis Reynolds, Coordinator

2015 Founders Day Picnic Report

by Gary Rowe

The CMS Founders Day Picnic was held on September 12th at St. Paul's Episcopal Church and there were approximately 45 CMS members in attendance. The picnic featured good food, good conversation, good weather, and above all, lots of great rocks and minerals collected by members on this year's CMS field trips. Door prizes were given out, a quiz on Southwestern mineral (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) Aquamarine, Mt Antero, CO by **Cindy Hatfield**
- 2) Linarite on Galena with Cerussite, Blanchard Mine, NM by **Nels Grevstad**
- 3) Blue Agate (polished), Hartsel, CO by **Gary Rowe**
- 4) Petrified Limb Cast, Blue Forest by **Robert Boehm**
- 5) Linarite on Galena with Brochantite, Barite, and Quartz, Blanchard Mine, NM by **Bob Christy and Sheryl Kuelper**
- 6) Gypsum and Siderite on Fluorite, Blanchard Mine, NM by **Gary Rowe**
- 7) Quartz and Barite on Fluorite Blanchard Mine, NM by **Brian "Bubba" Hayes**
- 8) Galena on Quartz with Fluorite, Blanchard Mine, NM by **Amber Brenzikofer**

Thanks go to Paul Crowell for the Club Prospector's Case display stands representing columnar jointing in basalt as seen Giant's Causeway in Ireland and Devil's Tower in Wyoming. Thanks also to Amber Brenzikofer for providing some key props that elevated this year's display (drill bits, blasting caps box, assay vase, etc), Bruce Sales and Paul Crowell for retrofitting the club case liners (adding cork board and trimming them), and Leslie Osgood for covering them with new fabric.



CMS 2015 Founder's Day Picnic



Entries for the Club Prospector's case competition.



Photo credit to Amber Brenzikofer

Denver Gem and Mineral Show Report

by Amber Brenzikofer

CMS was well represented at the 48th Annual Denver Gem & Mineral Show on September 18-20, 2015 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. Recognition and thanks go out to Justin Murphy, Jacob Trujillo, and Brian (Bubba) Hayes for their help in setting up and taking down the Club Prospector's case and the case of Southwestern minerals at the CMS club table. A big 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 booth and promoted CMS to prospective members. CMS gave away a "ton" of great minerals to kids and adults, so thank you to all those who provided donations for the giveaway and to help restock on Saturday after all the school children who visited the booth on Friday nearly wiped out our supply. Thanks to Joe Banks, Gary Rowe, and myself for providing specimens for the club table case of Southwestern minerals, which consisted mostly of Blanchard Mine specimens with a few specimens from Nacimiento Mine, NM and Yellow Cat, UT. A special thanks goes out to Dale and Virginia Block for supplying grab bags on CMS's behalf for this year's show.

CMS won second place for the Club Prospector's case competition; yes, we were beat out by the Littleton Gem and Mineral Club this year (better luck next year!). The Junior Prospector's Competition (ages 6 to 14) for self-collected specimens was won by three excited CMS (and North Jeffco Gem and Mineral Club) junior rockhounds: first place went to Alexandria Kent with a Tarryall topaz, second place went to Natalia Kent with a Tarryall topaz, and third place went to Shealeene Kent with a Mt Antero phenakite. Kuyper Reynolds and Isabella Kent, other CMS Jr Rockhounds, also submitted specimens for the competition. I am still waiting on the official list of winners to be released from the Judging Chairperson, so will report the results of other CMS members who won awards and trophies along with more photos in the next newsletter.



Second place ribbon for the CMS Club Prospector's case

Alexandria Kent accepting her first place ribbon and plaque for the Jr Prospector award



From left to right: Isabella, Alexandria, Natalia, and Shealeene Kent in front of the Jr Prospector case



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Denver Gem and Mineral Show Report (Continued)



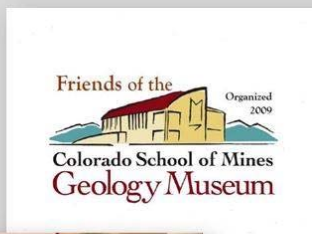
Colorado School of Mines Geology Museum Display

The Denver Gem & Mineral Show awarded the "Donna Chirnside Memorial Award for Best Educational Case" to the Colorado School of Mines Geology Museum, which CMS member Bruce Geller is the curator. The exhibit also received the Friends of Mineralogy award for the "Best Education Exhibit by an Institution".


I would also like to recognize CMS members who put together individual cases for the show, including Shealeene Kent for some of her favorite Colorado localities, Bill Hutchinson for this year's field collection, and Jeff Self and Donna Ware who put together a great case for the new Sherman Dugan Museum of Geology at San Juan College, New Mexico. If I forgot anyone, I apologize. I barely had time to see all the cases this year and just made mental notes as I went. Please let me know if you had a case or individual specimen displayed at the Denver Show and I

will add it to the next newsletter. If you are interested in preparing a case or entering an individual specimen for the 2016 Denver Gem & Mineral Show, the guidelines are located on their website at <http://www.denvermineralshow.com/competitions.php>. You can do competitive or non-competitive cases and specimens. Entry forms are due in August and early September before the show. If you have questions on this process, you can ask a CMS Board member who can point you in the right direction.

Again, thanks to all CMS members (mentioned or unmentioned!) that contributed to the success of the Denver Gem & Mineral Show this year.



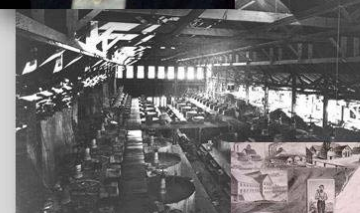
THE FRIENDS'
"FIRST THURSDAY"
LECTURE SERIES PRESENTS



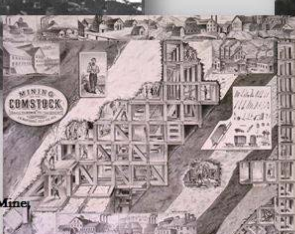
Ed Raines

**"From The Comstock To Caribou –
The Minerals And The Washoe Process"**
By Ed Raines


Thursday, October 1, 2015, 7:00 p.m. to 9:00 p.m.
Colorado School of Mines Geology Museum
Conference Room (201)



Amalgamation pans in mill at
Comstock Lode, Nevada (circa 1900)



Diagrammatic cross-section of Belcher Mines
Comstock Lode, Nevada



Silver ingots from the Caribou Mine,
Boulder County, Colorado (circa 1873)

Topaz Mountain and Dugway Geodes, Utah Field Trip

Date: October 10-11, 2015

Collect: topaz, red beryl, bixbyite, garnet, pseudobrookite, amethyst, hematite, and geodes. Clear topaz pieces are easily found.

Travel Time: Approximately 8 hours from Denver. 1 hour from Delta.

Vehicle: Any vehicle can make it to the base of the range and the Dugway geode beds. High clearance and 4 wheel drive may be needed in the cove and in other locations.

Lodging: Hotels are available in Delta and primitive campsites are plentiful.

Tools: rock pick, sledge hammer, round chisels, pry bar, probe, garden trowel, 1/8" screen.

Comments: Some hiking is necessary to reach the best spots, but specimens can be found close to roads.

Leader: Contact Robert Boehm if you plan to go on the trip.

CMS Awards Young Researchers for Earth Science Projects

by
Craig Hazelton

The recent acid mine drainage and flood-water accident on Cement Creek near Silverton, CO reminded me to write this update on the awards given by CMS at the 60th Colorado Science and Engineering Fair (CESF) last April.



Mine drainage iron oxide stains the Uncompahgre River just before capture and routing to a treatment plant near Ouray. A similar color was seen in the Animas River after the spill accident this August from the Gold King Mine on Cement Creek just over Red Mountain less than 10 miles to the South. (photo by author).

Cement Creek is also the location where heavy metal contamination was measured on the project selected for *first place* in the senior division (9th through 12th grade). Raelen Barr and Hannah deKay, 10th graders in the [expeditionary learning](#) program at Silverton School, performed analysis of heavy metal content (iron, zinc, lead, silver and manganese) in soil samples and compared them to their previous analysis of contamination in tree ring cores. The study, “*Investigating Innovative Tools and Techniques for Heavy Metal Mapping in Historical Mining District*” found a relationship between soil and tree contamination for iron and zinc which is potentially a significant tool for environmental study. By the way Raelen and Hannah won 2nd place in the senior division last year for the tree ring core work. These young women really put together a good project, know their material and communicate it magnificently.

Expanding soil is a prevalent geological hazard in Colorado. “*Expanding Clays*” by Wyatt Wienen a 9th grader at Trinidad High School, was awarded *second place* in the senior division. Wyatt measured the volume expansion of montmorillonite clay, one of the components of expansive soil, when exposed to different types of water (tap and distilled). Distilled water was found to create the greatest expansion in the clay. This type of research could lead to techniques for mitigation of expanding soils.

Devastation created by wildfires can happen years after the fire in the form of flash floods and severe erosion due to decreased vegetation and the reduction of soil's ability to absorb water. “*Beneath the Ashes: How to Reduce Flash Flooding Rates on Hydrophobic Soil Layers After a Fire*” looked at soil additives to increase water absorption to decrease erosion and flood potential. Cassandra Blew an 8th grader at La Veta Jr/Sr High School won *first place* in the junior division (6th through 8th grade) for this study. Cassandra found that adding bentonite clay to soil increases water absorption, which could reduce the erosion potential of wildfire ravaged soil.

Navigation at sea for the Vikings was likely hindered when locating the sun's position on cloudy days. Legend has it that unique optical properties of sunstones, such as calcite or cordierite, enabled determination

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CMS Awards Young Researchers for Earth Science Projects (Continued)

of the Sun's position on cloudy days. “*Testing the Viking Sunstone Legend*” by Max Warnock, a 7th grader home schooled in Fort Collins, was selected for *second place* in the junior division. Max assembled a clever computerized system to measure the transmittance of light through calcite, and came to the conclusion that calcite wouldn't let enough light through to work on cloudy days. Our club expert on optical properties of carbonates, Lewis Woods, would have enjoyed talking with this bright young lad.

First place winners are awarded \$50, a mineral and the book on the geology of Colorado, Messages in Stone. Second place gets \$35, a mineral and the book. Good work guys, these youths are really going somewhere!

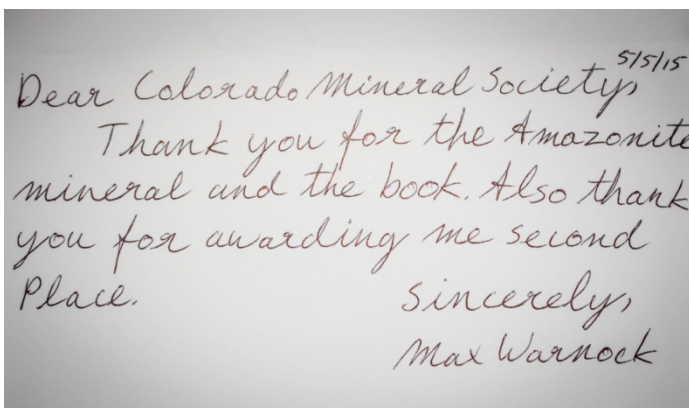


CMS Special Award winners at the 60th Annual Colorado Science and Engineering Fair. From the left: Fail Warnock, 2nd place junior; Cassandra Blew, 1st place junior; Wyatt Wienen, 2nd place senior, and the 1st place senior team of Raelen Barr and Hannah deKay. (photo supplied by Max Warnock).

Thanks to everyone that helped make this happen. Sam Bartlett and the dedicated crew of the CSEF who run the show. Eva Siemonsma for procuring the awards and administrative work. Jerry Kiefer for great mentorship and providing award certificate templates. Of course thanks to the great judges Lee Brown, Judy Geller, and Bruce Geller who spent the day talking to many young researchers and carefully evaluating their work, a challenging but rewarding activity. Finally thanks to you, the CMS, for supporting our special awards judging program.

The CMS has been judging at the CSEF fair for the entire 60 years of its existence, go CMS! Last November the CSEF had a small gathering to celebrate the 60th anniversary. CMS was the only group invited out of the 75 or so special awards groups. CMS life member Ray Horton, his wife Dorothy, and I attended the party and had a great time sharing experiences and cake.

Come and help judge next April, you'll be glad you did!



Max Warnock sent this note along with the photo. You are so welcome Max!

CONGRATULATIONS!!!

Congratulations to Julio Edwards, the CMS webmaster, for winning first place in the Rocky Mountain Federation of Mineralogical Society's (RMFMS) website contest. There were 6 entries into the website contest. The three winning websites were submitted to the American Federation of Mineralogical Society's (AFMS) web contest. Winners will be announced at the AFMS convention on October 24th in Austin, TX. Look for additional information and photos in the next CMS newsletter. Check out the award-winning CMS website at www.coloradomineralsociety.org.

Also, CMS submitted an entry into the AFMS All American Club awards contest, which required the preparation of the 2014 CMS scrapbook. Thanks to Jennifer Knies and Amber Brenzikofer for submitting this entry. There were 6 clubs that entered the contest, so our chances are pretty good. The winner will be announced at the AFMS convention in October.

Announcing the Famous Fall Mineral, Book and Fossil Sale!



CSM Museum



1310 Maple Street, Golden, CO

**Saturday and Sunday,
October 24 & 25, 2015
9 A.M. - 4 P.M.**

Thousands of minerals, books,
fossils, maps, journals, and more.

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

For Information ph. 303-273-3815

CMS Membership Dues

Starting October 1, 2015, you can pay your 2016 dues. CMS memberships run from January 1st to December 31st. You can pay your dues 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. Pick up your membership card at the next general meeting. Cards not picked up 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 if you cannot attend a general meeting. Contact Cara Reynolds or Amber Brenzikofer to coordinate.

CMS Board Meeting for September 22, 2015

Attendance: Bruce Sales, Gary Rowe, Eva Siemonsma, Sandra Gonzales, Amber Brenzikofer, and Leslie Osgood

Bruce Sales, CMS President called the meeting to order

Old Business

Display Cases -

- Completed project - Display case was used for the Denver Show, thanks to Leslie Osgood, Bruce Sales, Paul Crowell, Amber Brenzikofer, and Gary Rowe and other volunteers that assisted with building and setting up the cases at the Denver Show.

Education Update -

- 2 slots are remaining for Ed Raines' class on Mineral Identification. Amber will send out mass email.
- A few slots are open for the GPS / Navigational class, which has been confirmed for Saturday, October 31st. "Costumes are optional" - Confirm with Debbie Kalscheur.

Field Trips - Utah trip is scheduled for October 10-11th

Denver Show Committee Report -

- All the grab bags were sold at the Denver Show, including 500 leftover bags from the 2014 Denver Show. CMS may need to produce 600 grab bags for next year. Eva will confirm the amount of bags needed.
- A big thanks to all CMS members who volunteered for the Denver Show. The show would not be a possibly without your help!

Board Positions Opened -President, Secretary, Assistant Treasure, Assistant Membership, Assistant Jr Rockhound, Assistant Field Trip leader

Memberships - Cara read the names of all the new members since the last May meeting. There are 233 Member Units in the club.

New Business

Leslie – working on vests for junior rockhound participants that received their badges.

CMS Patches - big and small, Cara will be working on proposal for creating new badges.

American Geosciences Institute Earth Science Week Denver Stakeholder Reception - Pete Modreski will be attending this event on October 6th as a representative for CMS.

Eva gave the board a Treasure report on the finances, which will be included in her report to the members.

Beth Simmons wants to attend the October meeting to present CMS and webmaster Julio Edwards with a first place ribbon from the RMFMS website contest.

CMS Guest Speakers for the October meeting: Bill and Cheryl Harrison -"Garnets" The Harrisons will have a display of garnets.

Newsletter deadline - this Friday

Meeting adjourned

Submitted by Sandra Gonzales, Secretary

September 2015 Treasurer Report:

CMS Income 10/1/14-9/22/15	\$9,034.99
CMS Raffle income	\$2,074.11
CMS Expenses 10/1/14-9/22/15	\$11,940.76
Net Diff:	(\$831.66)

See treasurers detail at the next meeting.

For Sale

Stan the Opal Man (970-260-8252) has inherited some equipment that he would like to sell: silver smithing and a 10" trim saw plus 6" wheels. Please contact Stan for prices and details.



Colorado Mineral Society
PO Box 280755
Lakewood, CO 80228

FIRST CLASS MAIL



Earth Science Week Denver
(October 11-17, 2015)

UPCOMING MEETINGS

Regular CMS Meeting – October

Date: October 2, 2015 Time: 7:30pm
Place: St. Paul's Episcopal Church,
Lakewood

Regular CMS Meeting - November

Date: November 6, 2015 Time: 7:30pm
Place: St. Paul's Episcopal Church,
Lakewood

Rocky Mountain Federation News

The Rocky Mountain Federation of Mineralogical Societies (RMFMS) is made up of 78 clubs representing 13 Western states. 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>



<http://www.coloradomineralsociety.org>