

# Colorado Mineral Society Mineral Minutes



Volume 78, Issue 7

October 2014

# **President's Message**

by Bruce G. Sales

Hello everyone, I hope that everyone had a great collecting season, and from the minerals that were entered in the two full cases that were judged at the Founder's Picnic, several members of the Colorado Mineral Society (CMS) had an excellent collecting season. The three best qualified specimens were then entered to be judged at the Denver Gem & Mineral Show in the Club Prospectors case. For the fourth year in a row, CMS was judged to be the first place winner.

Congratulations to all of the members that entered mineral specimens that were found on a CMS-sponsored field trip. In particular, congratulations to Gary and John Rowe for finding the 1st place mineral Galena coated with Anglesite from the Blanchard Mine field trip, Phil Persson for finding the 2nd place Linarite on Galena from the Blanchard Mine, and Nels Grevstad for the 3rd place Azurite from Kelly Mine in Magdelena, New Mexico.

Congratulations to Craig Hazelton for entering an educational display of the optical effect of tilting highly-polished agate surfaces and observing the shadows cast by alternating layers of transparent and translucent quartz in various agates.

I also want to extend congratulations to all of the Junior Rockhounds that entered mineral specimens in the Junior Prospectors case. I am very proud to announce that Shealeene Kent has for the third year in a row entered minerals that were judged to be 1st, 2nd, and 3rd place specimens.

I need to thank the CMS members for their participation in the operations of the Denver Gem and Mineral Show. Numerous members volunteered many hours to fill all of the needs of ticket sales, security, and countless other jobs that have to be completed for a successful show. I was present at the start of every two hour shift at the CMS table, and I want to thank all for the people that manned the table. We gave a ton of rocks away. Thanks to all of the members that donated mineral specimens for the club table.

The display at the Wheat Ridge Recreation Center was installed the weekend of September 27th and will be open to the public until the end of November, please stop in and enjoy the display.

The next CMS General Meeting will be Friday, October 3, 2014, 7:30pm at the St Paul's Episcopal Church at the corner of 10th Avenue and Garrison Street in Lakewood. Philip Persson and Markus Raschke will speak on Colorado Rare-Earth Element (REE) minerals. See Page 3 for a description of the presentation.

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# Next CMS General Meeting October 3, 2014

This is a reminder that CMS will start up its general meetings on October 3rd and will continue each month until May 2015. Visitors and guests are welcome to attend the general meetings. Feel free to check out our meetings before becoming a member. We are encouraging current members to bring snacks or desserts to share with the members during the meeting to supplement the hospitality snacks we normally have at each meeting.

# COLORADO MINERAL SOCIETY OFFICERS 2014

President: Bruce G. Sales First VP-Programs: Gary Rowe

Second VP-Education: Debbie Kalscheur

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 Committee: Harold Taylor, Leslie Sebol, Dan Wray

Membership: Cara Reynolds
Field Trip Leader: Gary Rowe
Nominations: Daryl Lamb
Grab Bags: Dale Block
Editor: Amber Brenzikofer
Historian: Amber Brenzikofer
Youth Activities: Lewis Reynolds
Hospitality: Star Edwards
Donations: Debbie Kalscheur
Web Master: Julio Edwards



coloradomineralsociety@comcast.net

Representatives (Board Members)
Denver Council Rep: Daryl Lamb
Denver Show Rep: Bill Jones

**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 \$5.00.

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 dinner.

**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. 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 MEETING PRESENTATION

# Rare Earth Minerals in Colorado

Markus Raschke
University of Colorado
Philip Persson
Colorado School of Mines

There are 17 different rare earth elements (REE) in the periodic table. Almost all of which have gained high technological importance for their use in strong magnets, lasers, and other optical and electronic devices including your cell phone, car, or TV. Although these elements are not really "rare" in nature, they are often not concentrated enough, and difficult to extract. There are only a few rich REE deposits worldwide, in particular in China, that at present can be mined economically.

Therefore, understanding the mineralogy of those rare earth elements has gained much recent interest both from a fundamental science as well as from a technological perspective. Not unknown, but somewhat forgotten over the past few decades is the fact that a wide range of REE minerals occur in Colorado. The Pikes Peak and Silver Plume granites themselves have a high concentration of REE. Associated with these granites are large pegmatites with in part unusual REE mineral assemblages or REE minerals of unusual size and composition.

In their talk, Markus and Philip will introduce us to the geology and mineralogy of rare earth elements in Colorado and present some results of their recent studies on rare earth pegmatites from the Jamestown and South Platte area. They will also discuss some of the mineralogical methods and instruments for field and lab identification and analysis of REE minerals.



Markus underground and inside pegmatite in the South Platte district collecting rare-earth minerals. The large cavity he is standing in originally consisted of multiple large and interconnected pockets producing quartz mega-crystals up to 2 feet in size.

# **CLUB NEWS**

#### **New CMS Members**

Many new members signed up during this summer's collecting season. Welcome to the new members; we are excited to have you in our club! If you are wondering what the new member first listing and second listing means in each newsletter, an excerpt from CMS By-Law 1-Membership in CMS is provided below:

"Following the reading of his or her application at a Board meeting, the name of the applicant shall be published in the next regular issue of the Mineral Minutes with a statement inviting comments from CMS members, in writing, to be presented to the President of CMS prior to or at the next regular club meeting. If there are no comments, the new member's name will be read at the club meeting. After his or her acceptance, the name of each new member will be listed in an issue of Mineral Minutes."

# **First Listing**

- Elliot Arundel
- Laura Bornemann and Family
- Robert Candelaivo
- Phil and Ryn Card
- Don Cushman
- Tim and Tina Fleming
- Michael and Sandra Gazdiewich
- Patrick Goss and Family
- Diane Hornbecker
- Kathy LaBonté and Kim Voshol
- Bruce and Kennifer Ladley and Family
- Christopher Lambert
- Wendy MacColl
- Goldie and Maggie Mariola
- Felicia Meineke
- Donald Meineke
- Nick North
- Bill and Helene Plein and Family
- Dominic Rossi
- Tom and Pat Russell and Family
- Joseph Seifert
- Taylor and Christina Selby and Family
- Ginamarie Simpson and Family
- Justin Tulley



Per CMS Bylaws, comments concerning new, first-listing members should be formally submitted to the President prior to the next club meeting.

# **Second Listing**

None listed for this month (see past listing in the August 2014 issue).

# CMS Junior Rockhounds Program - October 2014 Meeting

by Lewis Reynolds, Coordinator

**Topic:** Earth Processes

**Overview**: We trust that the Junior Rockhounds had a fun and successful collecting season! As we begin the fall CMS program in October, we will resume our educational time by discussing rocks. What is a rock? What do *igneous*, *metamorphic*, and *sedimentary* mean? How are various types of rocks related? Why is it important to identify rocks? As we discuss rocks and the rock cycle, we will have an opportunity to examine different types of rocks. Some rocks are even worth collecting!

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 Processes* 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 2013 which can be found at <a href="http://www.coloradomineralsociety.org/newsletters/August2013.pdf">http://www.coloradomineralsociety.org/newsletters/August2013.pdf</a> on pages 7-8.)

# **AFMS Future Rockhounds of America Badge Requirements (Optional):**

http://www.amfed.org/fra/AFMS\_FRA\_Badge\_Manual\_Revised\_2012.pdf

The *Earth Processes* badge is discussed on pages 115-135 of the manual.

Parents or guardians: please print the sign-off sheet on page 116 and check-off, sign, and date each accomplishment as it is completed. Submit the completed form to Lewis Reynolds to process the badge award.

# **CMS Membership Reminder**

Starting October 1, 2014, you can pay your 2015 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 a general meeting. 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/renewal form is located on the CMS website at <a href="https://www.coloradomineralsociety.com">www.coloradomineralsociety.com</a>. If you are renewing your membership, send in the form with your payment because it contains additional information that we are collecting, such as children's birthdays and volunteer interest.

# 2014 Founders Day Picnic and Denver Show Report

### by Gary Rowe

The Colorado Mineral Society Founders Day Picnic was held on August 30th at St Paul's Episcopal Church and was attended by approximately 40 CMS members. 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 field trips. Door prizes were given out, a quiz on agates (this year's theme for the Denver Gem and Mineral Show) was held, and selections for the CMS Club Prospector Case were made. Over 70 entries were on display and a vote was held to determine the top three picks for the case. The top three specimens entered in the case were:

- 1) Galena coated by Anglesite (Blanchard Mine, Bingham, NM) collected by John and Gary Rowe
- 2) Linarite on Galena with Fluorite and Quartz (Blanchard Mine, Bingham, NM) collected by Philip Persson
- 3) Azurite (Kelly Mine, Magdelena, NM) collected by Nels Grevstad

Several other specimens that received large numbers of votes were also selected to round out our Prospector Case. These included a superb chalcedony coated limb cast from the Blue Forest near Farson, Wyoming collected by **Robert Boehm**, a rare etched topaz found by a group of CMS collectors on the Mt Antero Field trip, a nice Calumet Mine epidote specimen collected by **Nels Grevstad**, a beautiful amethyst crystal found by **Cindy Hatfield** on the Red Feather Lakes trip, and some nice Stoneham barite crystals collected by **Bubba Hayes** and **Aaron Cross**.



Finalists for the 2014 CMS Prospector Case



Socializing during the picnic



Door prize give-aways



Continued on Page 7

# 2014 Founders Day Picnic and Denver Show Report (Continued)





Case #2 specimen entries

On to the Denver Show! CMS again was very well represented at the 2014 Denver Gem and Mineral Show. Before summarizing how and what CMS did at the show, I want to first recognize several folks who went above and beyond with respect to getting us prepared for the show. Gary Borkan did his usual excellent job organizing the CMS club table, which we use to interact with show attendees, recruit new members, and give away rocks to children and the young at heart.





A very busy CMS club table

CMS club table case featuring agates

I don't have the lists of everyone who donated materials or worked the booth, but thanks to all of you and Gary, for making our table one of the best. I'd also like to thank Dan Wray, Amber Brenzikofer, and Bruce Sales for helping put up our two display cases. The club table case feature agates per the show theme and both Dan and his wife Brenda provided the majority of the agate specimens in the display and then did the work setting up the display, which looked great.

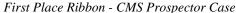
Amber, Bruce, Dan, and myself set up the Club Prospector Case and there the most important thanks goes to Paul Crowell who again outdid himself building a great black wooden display that really made the case and minerals therein stand out (see photos on Page 6 and at the top of this page).

Of course everyone's efforts paid off with our fourth straight blue ribbon in the Club Prospector Case. In addition to the Club Prospector Case, I'd like to recognize several other CMS members who won awards or were recognized at the show. First is Shaleene Kent, Jeff Self and Donna Ware's granddaughter, who took 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> place with self-collected specimens from Mt White in the Junior Prospector's Competition. I'd also like to recognize Craig Hazelton who was awarded a blue ribbon in the Educational, Other category for his "Shadow Effects in Agates" display. Note that Craig built a unique motion display that tilted the agates back and forth to highlight the shadow effect. Speaking of agates, Dale Gann took third place in the C.E. "Shorty" Wither's competition for his agate display. New CMS member Nick North took home the Richard M. Pearl trophy for an outstanding Milpitas Mexico azurite and a blue ribbon for his case of world thumbnail minerals (Master class). See additional photographs on the next page.

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# 2014 Founders Day Picnic and Denver Show Report (Continued)







Bruce Sales accepting CMS's Prospector Case First Place Plaque at award ceremony



Shaleene Kent accepting her many awards

Please note that we plan to set up the Club Prospector Case at the October 3rd CMS general meeting so everyone can see it in person. Again, thanks all CMS members (mentioned or unmentioned!) that contributed to the success of the Denver Gem and Mineral Show this year. Photograph credits to Amber Brenzikofer.

# Denver Gem & Mineral Show News THANK YOU TO ALL THE VOLUNTEERS!

As Show chairman, I want to thank each and every one of you who volunteered at the show. You may have volunteered for a couple of hours or for several days. Whatever you did was extremely important to the show. We needed lots of help and you came through for us and for yourself. The volunteers are what separate us from other shows. The personal touch to the dealers and customers make this show in my opinion number one. So pat yourself on the back and accept the show committee thanks for a job well done.

Submitted by Barb Melby, Show Chairman

The 2014 Denver Gem and Mineral Show vendor video is located on YouTube and features several CMS members (see link below):

http://youtu.be/ECDh\_LjMV4Q

Video created by Marjie Payne

If you are already making plans to visit us in 2015, you will be excited to know that the 2015 Denver Gem and Mineral Show will be held September 18-20th and the theme will be the *Minerals of the Southwestern U.S.* 

# **OTHER NEWS**

# Regional Events from Peter J. Modreski, U.S. Geological Survey

**Sat., Oct. 11,** the last **Dinosaur Discovery Day** public open house day of the year at Dinosaur Ridge, 10 a.m. – 2 p.m. Featuring National Fossil Day and Girl Scout Day.16831 W. Alameda Parkway, Morrison CO.

Oct. 12-18 is International Earth Science Week. This should include some locally sponsored events; see <a href="http://www.earthsciweek.org/">http://www.earthsciweek.org/</a> for these once they are posted, and other info. I (Pete Modreski) plan to lead a free-public geology hike for Earth Science Week; probably on Green Mountain, and probably on Sunday, Oct. 12. I'll give details in a later email.

More about the new DMNS Colloquium Series, from Ian Miller and James Hagadorn, DMNS Department of Earth Sciences:

"We are pleased to announce the continuation of the Department of Earth Sciences Colloquium Series. We strongly feel that one of the hallmarks of a successful and vibrant scientific department (volunteers and staff included) is the regular and free exchange of ideas. This process leads to shared learning, the initiation of innovative and collaborative projects, and ultimately, better information reaching our museum visitors, because we, ourselves, are better educated. A tried and true mechanism for accomplishing this exchange is a colloquium or speaker series.

"Our first colloquium featured Dr. Warren Hamilton who regaled us with an alternative view of early earth geophysics. While we will certainly entertain topics within the broad theme of Earth Science, we are a paleobiology group and so we will focus more heavily on paleontology- and/or soft rock-based presentations. As promised, we give you the 2014 fall lineup of speakers:

"THESE ARE FIRST-COME, FIRST-SERVED; NO NEED TO RSVP. Parking at the Denver Museum of Nature and Science is free, the VIP seminar room is to the left of the T-Rex café, and admission to the Museum is not needed in order to gain access to the VIP seminar room.

October 28th, 3 pm, VIP Room, "**TBD: Paleoclimates**", Caspar Ammann (NCAR). See <a href="https://www2.ucar.edu/news/experts/caspar-ammann">https://www2.ucar.edu/news/experts/caspar-ammann</a>

November 17th, 3 pm, VIP Room, "**Reconstructing Ancient Colorados with geologically accurate animations**", James Adson, Joseph Rogers, Eric Lobato, Paul Weimer (UC-Boulder). See http://igp.colorado.edu/

December 17th, 3 pm, VIP Room, "On the trail of Colorado's newest, oldest sedimentary rock formation: Eluded at every turn by the Tava sandstone", Christine Siddoway (Colorado College). http://sites.coloradocollege.edu/csiddoway/

"The presentations will be approximately 45-50 minutes in length with 20 minutes for Q&A. They will all take place in the VIP room next to the T-rex cafeteria starting at 3 pm. The websites for each of our fall speakers are given above. You can visit them to learn a little more about each of our presenters. I hope you have the chance to join us!"

Peter J. Modreski
U.S. Geological Survey, Denver, Colorado
Office of Communications - Community Relations and Educational Outreach
Geochemist and Geologic Specialist for Abrasives, Gemstones, Quartz, Beryllium, Cesium, and Rubidium tel. 303-202-4766, fax 303-202-4742
email pmodreski@usgs.gov

# **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.rmfms.org. The next RMFMS newsletter is published in October.

Dan's Used Rocks

D & J Rare Gems

Earthstones-The Solitaire

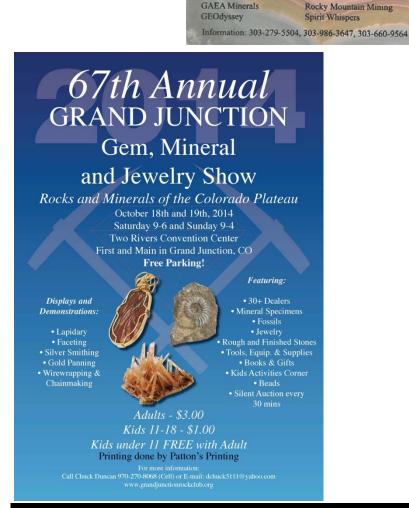
### A.F.M.S Newsletter

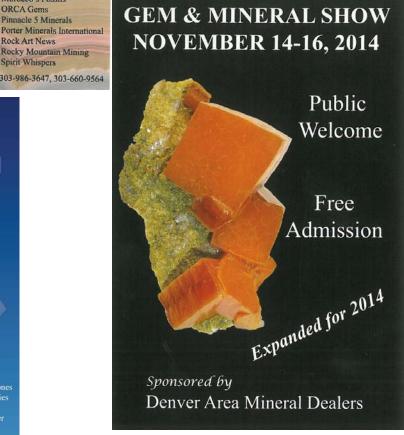
The American Federation of Mineralogical Societies (A.F.M.S) serves seven regional federations, including RMFMS. The A.F.M.S Newsletter is published monthly and is located at http://www.amfed.org/news/default.htm



Pinnacle 5 Minerals

Rock Art News





# CMS Board Meeting- September 23, 2014

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

#### **Old Business:**

#### Display Committee:

Wheatridge Recreation Center Display Case - Need Display to be set up ASAP with minerals of Colorado, history of CMS, fossils, and agates

#### Confirmed Speakers for General Meetings:

November - Ask Joe about Smoky Hawk

January - Michelle Rahm - The Gems of Madagascar

February - Craig Hazelton - Modern North American Jade Culture

March - Pat Tucci - Morocco

April - Marc Jacobson - History & Mineralogy of Pikes Peak Batholith

#### Need Volunteers for:

<u>Display Committee</u> – several current volunteers are no longer available, so we need additional volunteers <u>Scrapbooking Committee</u> – Amber is putting together a scrapbooking committee to prepare an All American Club Yearbook to compete for the AFMS All American Club Award. So far, Jennifer Kneis has agreed to join the committee. Amber will ask for additional volunteers at the general meetings.

#### **New Business**

#### Bruce Sales:

- Successful Denver Show Thanks to everyone who volunteered to make the show a success
- CMS won Club Prospector Case 1st Place
- Congratulations to the club members who entered the competition this year which yielded many winners

#### Eva Siemonsma:

- Closes the year end financials September 30th
- Need to order more books Messages in Stone \$12.49 plus tax, Will ask members if there was any interest
- Raffle Monies Education has to be established for 2014-2015
- Many members have requested CMS T-shirts, Bids will be taken for the board to approve.
- Motion was made subsidize storage for archives of CMS History and other items- Bids will be taken for pricing and brought to the board for approval

## Gary Rowe:

• Saint Peter's Field Trip still up in the air. Gary will update members if we have the trip

#### Bill Jones:

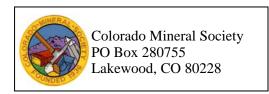
• CMS will need a new show committee representative for 2015

#### Amber Brenzikofer:

- Read the list of new members for Cara Reynolds who could not attend meeting
- Newsletter items due Friday, September 26, 2014

#### Meeting Adjourned

Notes taken by Sandra Gonzales



# FIRST CLASS MAIL



# **Upcoming Meetings**

# **Regular CMS Meeting – October**

Date: Friday, October 3, 2014

Time: 7:30pm

Place: St. Paul's Church, Lakewood

#### **Regular CMS Meeting – November**

Date: Friday, November 7, 2014

Time: 7:30pm

Place: St. Paul's Church, Lakewood

#### **UPCOMING MINERAL SHOWS**

October 18-19th. Grand Junction, Colorado. 67th Annual Gem, Mineral and Jewelry Show. Theme is *Rocks and Minerals of the Colorado Plateau*. Location is Two Rivers Convention Center, First and Main Street. Adults \$3, Kids 11-18 \$1. Free parking. Featuring 30+ dealers for mineral specimens fossils, jewelry, rough and finished stones, tools and equipment and books; displays and demonstrations of lapidary, faceting, silver smithing, gold panning, wirewrapping; kids activities; silent auction every 30 minutes. For more information call Chuck Duncan 970-270-8068 or email: dchuck3111@yahoo.com. Website: www.grandjuctionrockclub.org.

November 13-16. Denver Area Mineral Dealers Public Show. Jefferson County Fairgrounds, 6th Avenue Frontage Road and Indiana Street, Golden. Friday 10 a.m. - 5 p.m., Saturday 10 a.m. - 6 p.m., Sunday 11 a.m. - 4 p.m. Open to the public and plenty of free parking. 23 dealers featuring minerals, fossils, jewelry, gemstones, cabochons, carvings, beads and findings. Free admission. For additional information: 303-279-5504, 303-986-3647, 303-660-9564.