



Colorado Mineral Society

Mineral Minutes



Volume 79, Issue 4

April 2015

April 3rd General Meeting at the Clements Center !!!!

St. Paul's Episcopal Church is not available for the April 3rd general meeting because of Good Friday, so the Colorado Mineral Society (CMS) meeting will be held at the Clements Center at 1580 Yarrow St. in Lakewood (near the intersection of W. Colfax Ave. and Wadsworth Blvd.) The meeting start time is the same at 7:30pm, but we need to be out of the building by 9:30pm. **Mark Jacobson** will be giving a presentation on the history and mineralogy of the **Pikes Peak Batholith**. An abstract of his presentation is located on Page 3. Guests and visitors are welcome to attend.

CMS Membership Directory

It is time to update the CMS 2015 Membership Directory. The deadline to get your name in the directory or corrections made to your contact information is **April 10, 2015**. That means you need to pay your 2015 dues by April 10th to get in the directory. We will email a digital edition of the directory of our current 2015 and life members. If you would prefer a printed copy of the directory, they will be available at the May 1st general meeting.

It is important to make sure your contact information is correct, so we can contact you if a field trip gets cancelled or rescheduled. The information we collect about our members is strictly for club use only.

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President's Message

By Bruce G. Sales

Greetings to everyone, spring has sprung in the lowlands, there is still a lot of snow in the high country, but I assure you that collecting season is here.

The April 3rd meeting will be held at the Clements Center (see notice to the left). We will be under some strict time constraints for this meeting to clean up and get out of the building, so I would like to request that as many people as possible help set up before and tear down afterwards so we can be in and out on time.

The meeting on May 1st will be the field trip meeting (at our normal meeting locations at 10th and Garrison), so we will not have a speaker. We will need some volunteers to help set up, if you want to help please be at the church at 6:00pm. The 2015 CMS Field Trip Guide will be handed out to attendees. Come and decide what field trips you want to go on this season. There will be sign-up sheets for the field trips at the meeting. We will be emailing out the field trip guide on Saturday, May 2nd to all active members with an email address. If you have not been receiving CMS email from Amber lately, she does not have an active email address for you, so please let her know.

The May 2nd CMS silent and verbal auction is just around the corner. I would like to thank Howard Houk for taking over the duties of Auction Chairperson; we will need a lot of volunteers for the auction to make the event happen smoothly.

We need to get organized on volunteers for the Denver Show in September, not only members to be at the Club table, but also to help run the show (security, ticket sales, admissions, etc.). A sign-up sheet will be available at the April and May meeting.

If it seems that I spend a lot of time asking for volunteers, it is the only way that CMS can continue to go forward. If you feel that you have skills that CMS can utilize or if you are new to the club, volunteering is a great way to get to know the members and maybe learn a new skill. Please contact me or any member of the board of directors to ask questions.

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

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

Deadline for publication is the 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.

The pegmatites of the Pikes Peak batholith: A review of their minerals and history

Mark Ivan Jacobson

Mineral collecting in the Pikes Peak batholith is still a popular activity. The first mention of Pikes Peak minerals was during an expedition led by Major Stephen H. Long in 1822. During the first ascent of Pikes Peak, amazonite was noted. As prospectors spread out across Colorado searching for gold in 1859, further mineral discoveries were noted in the batholith. The localities known by 1900 were Crystal Park-Cameron's Cone, Crystal Peak, Elk Creek (Standerling Ranch, Harris Park), St. Peters Dome, and Devils Head (Platte Mountain). Later localities were added in numerous places – Glen Cove, South Platte rare-earth district (Buffalo Creek), Pine, and Spruce Grove (Tarryalls).

The early day field collectors of Walter Brown Smith (Devils Head topaz), Arsene Thiebaud (Crystal Peak amazonite, smoky quartz), Roselle T. Cross (phenacite, topaz), Lewis Hamilton, and Thomas F. Houghton (Crystal Peak amazonite) found and sold specimens. Later collectors and dealers such as Joseph G. Hiestand, Jesse S. Randall, Richard C. Hills, Lazard Cahn, Albert E. Foote and J. Alden Smith helped spread specimens across the United States. Scientists, such as C. Whitman Cross and William F. Hillebrand, soon joined and helped spread the knowledge of Pikes Peak batholith minerals. Even William E. Hidden from New Jersey strove to describe Colorado specimens.

The Colorado Scientific Society collection helped preserve the specimens and their provenance. Similarly, collections at Harvard University, American Museum of Natural History (Bement collection), NY State Museum (Kunz collection), Smithsonian (Holden collection), and the Denver Museum of Nature and Science (the R. C. Hill collection) contain specimens from the earliest collecting era.

After the turn of the century, a second wave of collectors and dealers prospected the Pikes Peak granite such as James D. Endicott, A. H. Davis, Albert B. Whitmore, George N. Coplen, George Reeser, and George H. Weed. By the 1940s and later, mineral and gem prospecting in the Pikes Peak batholith was joined by Jerry Huriemek, George White, John Alexander, Clarence Coil, A. Orville Reese, Ed Over, and others. These specimens are scattered in private and public collections, but unfortunately many of them have often lost their provenance.

This presentation will review some of the historic collecting that has done within the batholith and the iconic or historic specimens that have been preserved in collections as well as some of the more recent magnificent specimens. It is hoped that this presentation will encourage others to better preserve the provenance of their beloved specimens.



Figure 1

Figure 1. Smoky quartz, Crystal Peak, obtained by George Reeser *circa* 1880s. Later sold to Chester Howard in 1936. Specimen about 12 inches wide.

The pegmatites of the Pikes Peak batholith (continued)



Figure 2

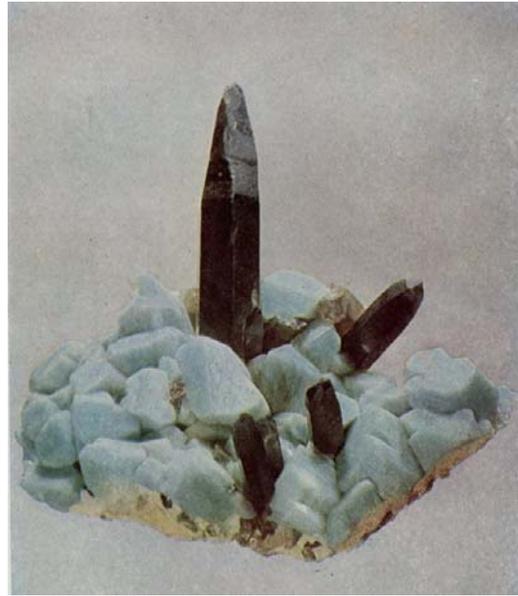


Figure 3



Figure 4



Figure 5

Figure 2. Amber topaz from Devils Head, Colorado. Collected by Walter Brown Smith in 1883, sold to C.S. Bement. American Museum of Natural History specimen. Illustrated in Kunz (1890). Approximately 2 inches tall.

Figure 3. Amazonite and smoky quartz from Crystal Peak, collected *circa* 1880. Sold to C.S. Bement and donated to the Smithsonian prior to 1908. Illustrated in numerous books. 7.5 x 7 inches size.

Figure 4. Amazonite and cleavelandite from Crystal Peak. Collected prior to 1876, possibly by Thomas F. Houghton, sold to Albert E. Foote, lithiograph drawing of the crystal by Chamberlain in 1876 and sold to G.F. Kunz. Kunz sold the specimen to the NY State Museum prior to 1890. Specimen is 9 by 7 inches. Photograph courtesy of the New York State Museum.

Figure 5. James D. Endicott (right) with George H. Weed *circa* 1913 at their diggings northwest of Crystal Peak. Photograph by Douglas B. Sterrett, USGS.

CLUB NEWS

CMS Junior Rockhounds Program

April 2015 Meeting

Topic: *Collecting*

Overview: For some, mineral or fossil collecting begins in the late spring as the snow melts away to expose dirt and rock for prospecting. Others collect minerals throughout the year because the weather is always favorable or because their “silver picks” are active at the regularly-occurring gem and mineral shows. In either case, specimens rapidly accumulate through persistence and dedication. Tonight we will discuss the need to carefully manage our collections. What do you like to collect, and why? Do you manage your collection like museum curator – labeling and cataloging each specimen, storing the collection for protection yet for easy access, and displaying the show pieces? What are good ways to start collecting? This discussion should help us to prepare for this year’s collecting season which will be overviewed at the regular meeting in May!

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 *Collecting* 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 <http://www.coloradomineralsociety.org/newsletters/August2013.pdf> 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 *Collecting* badge is discussed on pages 63-71 of the manual.

Parents or guardians: please print the sign-off sheet on page 64 and check-off, sign, and date each accomplishment as it is completed. Submit the completed form to Lewis Reynolds to process the badge award.

New CMS Members

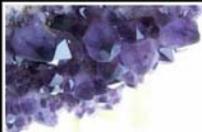
First Listing

- Julie and Nate Burford Family
- Maria Orms and Gene Sears Family
- Kathryn and Kevin DeForrest Family
- Sue and Bruce Krause
- Denise and Rick Pickard Family
- Elfi and Jon DeVaney
- John and Penny Salvino Family

Second Listing

- Heather DeMarco
- Ben Geller

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



Colorado Mineral Society's Silent and Verbal Auction

Saturday - May 2, 2015

**Minerals, fossils, faceted stones, lapidary pieces, books,
jewelry, and florescent minerals**

- ⚡ Door prizes every half hour, raffle at 3:00pm
- ⚡ Special verbal auction at 1:00pm of museum quality specimens donated by special dealers
- ⚡ Abundant parking, refreshments, and easy handicap access
- ⚡ A few auction tables reserved for only children to bid on

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

Time: 11:00am to 3:00pm
Checkout will begin at 3:00pm (Cash or Check Only)

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

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

www.coloradomineralsociety.org

Any questions about the auction should be directed to Howie Houk by phone at 303-237-7072 or by email at jhouk@msn.com



CMS May Auction

CMS will have its annual silent and verbal auction of mineral hobby items on May 2nd at the Holy Shepherd Lutheran Church located at 920 Kipling from 11:00am to 3:00pm. Admission is free.

The auction features reasonably priced minerals, fossils, faceted stones, lapidary equipment, books, and jewelry to the general public. There is a special verbal auction at 1:00pm of museum quality specimens donated by special dealers. As always, the club will have a few auction tables reserved for only children to bid.

Sellers can get extra copies of bidding slips in the May CMS newsletter, at the upcoming general meetings, or on our club website at www.coloradomineralsociety.org (**fillable and printable pdf file**). Our auction committee reserves the right to screen materials sold and to limit sales to three flats of material."

We need volunteers and a sign-up sheet will be available at the upcoming general meetings. We especially **need a volunteer for the fluorescent room**, so if you would like to show off your ultraviolet light skills, please volunteer.

Submitted by Howie Houk

March 6th Raffle News

March's tickets sold were \$296, with the retail value of \$240. These funds are spent on CMS education, the purchase of library materials, and the state science fair awards. The most popular specimen was the stibnite from the Raura Mine in Peru (\$119) donated by **Rocky Mountain Gems & Minerals** and won by *Aaron Cross*. The chalcopryrite from San Pedro Mine in New Mexico (\$88) was donated by the **GEOdyssey** and won by *John W. Smith*. The rhodochrosite and quartz specimen from Park County, Colorado (\$54) was won by *Mike Loeffler* and the barite specimen from Germany (\$19) was won by *Bob Heckman*; both specimens donated by **Rocky Mountain Gems & Minerals**. *Lisa Murphy* won the muscovite and schorl specimen from Colorado or South Dakota (\$7) and *Mathew Barmer* won the analcine, calcite, saponite, herschelite, natrolite, and phillipsite specimen from Maricopa County, Arizona (\$9); both specimens donated by **GEOdyssey**.

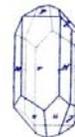
Thanks to those who donated these great specimens and thanks to Jennifer Knies and DJ Heckman for helping with the raffle. **Congratulations to all the lucky winners!!!!**

Submitted by Amber Brenzikofer, CMS Deputy Raffle Manager

Sandra Gonzales
rockygems@comcast.net
 720-425-3908

Rocky Mountain Gems & Minerals
www.rockygems.com

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pattucci@comcast.net

2015 CMS Educational Opportunities Update

by Debbie Kalscheur and Gary Rowe

We still have a few openings remaining for our two spring classes (see below). If you are interested in attending any of these classes, please contact Debbie Kalscheur at kalscheur2004@yahoo.com. Note that classes may be rescheduled in the event of bad weather. Two additional classes will be scheduled this fall.

Geology of the Front Range – Starts Monday, April 6th (10 lectures/4 all-day field trips)

Current status: 10 have signed up and confirmed. \$75 to confirm. 15 total spots available, so 5 remaining spots. Ages 13 and up.

The course is designed to help the student understand the geology of the Front Range—from the plate tectonics, to the surface processes, to oceans, to deep within the earth; from volcanoes and molten rock, to the crunching together of plates; and from the uplift of the mountains, to the grinding and sculpting of glaciations. This class is taught by Ed Raines, a popular geology lecturer in the Denver area. This class is a great opportunity to get an introduction to the geology of the Front Range. The class will meet for lectures on Monday nights for 10 weeks from 6 to 9 pm at the Colorado School of Mines (CSM) Geology Museum in the classroom across from the Geology Museum entrance with a target start date of April 6th. The class also includes four all-day field trips where what we will see the principles learned in the classroom in play out in the field.

Map and Compass Class (Saturday, April 11th from 10:00am to 3:00pm)

Current status: 11 signed up and confirmed. \$10 to confirm. 15 total spots available, so 4 remaining spots. We have scheduled this class for April 11th at St. Paul's Episcopal Church (10th and Garrison in Lakewood). Ages 13 and up.

Participants will learn compass components, how to take compass bearings, how to correct your compass for magnetic declination, how to triangulate your position and plot that on a topo map. You will also learn how to read symbology on a USGS topo map, recognize landforms, and calculate angle and percent of slope. This is a “hands on” class that will consist of a combination of classroom instruction and outdoor practice. USGS topo maps and informational materials will be provided to the participant to keep. Compasses will be available for loan but participants are welcome to bring their own compass.

We are still taking sign-ups for the fall classes!

Mineral Identification Course - Fall 2015 (10 lectures)

Current status: 4 signed up. \$75 to confirm. 10 total spots available. Ages 13 and up.

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. This is a great course for those who are fairly new to the mineral world or who just want to expand their skills in accurately identifying rocks and minerals. This class is also taught by Ed Raines. It is planned to be offered in Fall 2015, with a target start date in the last week of Sept. It meets for 10 weeks at the CSM Geology Museum in the classroom across from the Geology Museum entrance. This course will meet on Monday or Wednesday nights and is subject to change.

GPS Navigation Class - Fall 2015

Current status: 3 signed up. \$10 to confirm. Minimum 10 people needed. Ages 13 and up.

Participants will learn how to properly setup a GPS, learn the importance of map datums and position formats, how to save a location and return to it by creating a waypoint, how to create tracks, and routes, and how to read and calculate coordinates. This is a “hands on” class and will consist of a combination of inside instruction and outdoor practice. USGS topo maps and informational material will be provided for participants to keep. Having your own GPS unit is preferred but if you don't have one Peggy has a few GPS units available for loan. For those that have their own GPS unit we will need to know the make and model so Peggy can make sure she knows how it operates (according to Peggy, about 90% of the people who take her classes have a GPS unit manufactured by Garmin).

Denver Gem & Mineral Show® Needs You!

The Denver Gem & Mineral Show® came about 48 years ago, when ten Denver-area rock, bead, mineral and fossil clubs agreed to create a large consolidated show. Times have changed and now only eight of the original clubs are involved. **CMS is one of the eight clubs.** The purpose of the Show is to promote the hobby of collecting rocks, minerals and fossils, with a heavy emphasis on education, as well as to create opportunities for anyone to buy or sell material that has been collected. The Show Committee is responsible for making the Show happen.

The Show Committee meets the first Tuesday of every month with a few exceptions. Remember, this is the leadership team that does the work to make each Show happen. Around 50 volunteers from the eight clubs are on the Show Committee year around and each is assigned a specific job. Participation in the Show Committee is open to any member of the eight clubs. It takes about another 350 volunteer to staff each Show. It's important to remember that by volunteering for either the Show Committee or the Show, you are actually working for a company you own. So when August and September come around, please give volunteering serious thought. We'll need you!

A brief description of each of the open Show Committee positions is listed below. If you're interested, please call or email. A procedures document for each position is available upon request. Often times these procedures contain confidential information, so any person wishing to review the procedures must truly be interested in the role and be qualified.

Lastly, one of our Dealers has requested help in managing their booth and is willing to pay a club member for the time they spend with the Dealer. This is great experience for a newcomer or an experienced Club member. Again, if you're interested, please call or email and I will put you in touch with the Dealer. I hope one of these positions match your background and that some of you are willing to serve for the good of the Show.

Bob Berry
303-638-5000 or debitcard@msn.com
2015 Show Chairman
Denver Gem & Mineral Show® - Greater Denver Area Gem and Mineral Council

Short Job Description for Open Positions on the Show Committee

Security Chairperson and an Assistant

- Solicit and coordinate volunteers who walk the Show floor and act as a deterrent to theft simply by their presence. Arrange for Adams County off-duty police to be on site. The Police handle any and all issues that arise.
- The Assistant will help in scheduling volunteers and act as back up for times that the Security Chairman is not present.
- If you have ever had law enforcement experience of any kind, you would be a perfect fit.

Publicity Assistant

- Using the Internet, search for fee and non-fee calendar sites throughout the USA and provide pertinent information about our Show, e.g., www.fairsandfestivals.net, www.coloradoinfo.com/festivals-fairs, Rock & Gem calendar section.
- Mail announcements to all rock, gem/cab, mineral and fossil clubs within 1,000 miles of Denver.

Dealer Assistant

- This person will manage the Public Sector area which consists of contacting the existing public sector entities, sending information and or contracts, answering their questions, etc. The Dealer Chair will provide training.
- This person needs to be computer literate as the preferred method of communication is email - especially with Dealers.
- Other responsibilities include scanning and emailing contracts, and archiving emails online.

Information Assistant: Team Lead - Greeter

- Coordinate a team of greeters who will be located on the Show floor to assist Admission Customers in locating specific dealers using last year's Show floor map and this year's Show floor map.

Treasurer and an Assistant Treasurer

- The primary responsibility of the Treasurer is to write checks based on approved Check Requests, pay appropriate bills, and deposit cash and checks throughout the Show's fiscal year (October 1 to September 30).
- Input all financial transactions in QuickBooks for relay to the Show Committee's Accountant by December 31, and provide the Accountant with hard copy back up for all QuickBooks entries. QuickBooks experience would be a big plus.
- At the beginning of the Show, allocate starting cash for Pins, Posters and Admissions volunteers. At the end of each day, collect cash from these same groups. At the end of the Show, reconcile cash issued and cash returned and deposit all cash in the bank.
- Anyone with prior accounting or cash handling experience will be a perfect fit for the Treasurer or Assistant roles.

INFORMATION FROM OTHER CLUBS



Monthly
Lecture
Series
Presents



Dr. Leonard Himes

Bob Jonesite Nepheline Tokyoite
Gold
 Lead Magnesiohydrobonite-6N6S Quartz
 Meneghinite Jahnsite-(CaMnFe)
 Tetrawickmanite

"Minerals and their Names"
 By Leonard Himes, PhD
 Thursday, April 2, 2015, 7:00 p.m. to 9:00 p.m.
 CSM Geology Museum Conference Room (201)



Gold ribbons on Limonite from Buckhorn Mine, Crystal Hill, Beside Mining District, Saguache County, Colorado. (Colorado School of Mines Geology Museum collection.) The derivation of the name "Gold" has been lost in antiquity.



Flatirons Mineral Club

Annual Silent Auction, starts at 7:00pm Thurs, April 9th, 2015

Seller's set-up starts at 6:05pm

Unit 1064N of 29th Street Shopping Plaza
Community Room

Room is located on the 2nd (upper) deck 100 feet west and 100 feet north of the front doors of the Cinemark Theaters at 29th Street.

Minerals, Crystals, Fossils and Lapidary

Bring items to sell.....or just come to browse!

Sellers: Suggested to call or e-mail Gerry ahead of time to get a seller number, then you can pre-fill your seller slips.

Gerry Naugle
 303-591-2830
gnaugle@earthlink.net

North Jeffco Gem & Mineral Club Silent Auction

Friday, April 10th, 2015
 APEX Community Recreation Center
 6842 Wadsworth Blvd, Arvada, CO 80003

Setup at 5:30 PM
 Seller limits on number of items to sell:
 Club Members – No limit
 Non-members – Maximum of 30 items

Auction Begins 6:45 PM
 Checkout Begins Immediately After Auction
 No Early Checkout
 Free Parking, Free Admission

◆ jewelry ◆ gems ◆ minerals ◆
 ◆ bake sale ◆ crafts ◆

◆ free refreshments ◆
 ◆ public invited ◆

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

Sellers & Buyers Welcome

For more info call Bill Jones 303-503-6288
 Or email bjones.keystone@comcast.net




Announcing an Amazing Mineral, Fossil and Book Sale!




CSM Museum

1310 Maple Street, Golden, CO

Saturday and Sunday, April 25+26, 2015 9 A.M. - 4 P.M.

Thousands of minerals, rocks, books, fossils, maps, journals, etc.

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

Information: 303-273-3815

2015 CMS Membership Dues Reminder

A friendly reminder that your annual membership dues are due for 2015. 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. 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 General Meeting Notes for March 6, 2015

General Announcements

Bruce Sales:

Called the meeting to order.

Bruce welcomed new members and new visitors.

Introduced our guest speakers for tonight's lecture: Pat Tucci and Zelda Bailey – Minerals of Morocco.

Thanked everyone who donated food and money to the hospitality fund.

Cara Reynolds:

Announced new members.

Membership renewals are due; please see Cara to pay your membership dues.

The deadline to get your name in the CMS Membership Directory is April 10, 2015.

Debra Kalscheur:

Announced that if you still want to take advantage of CMS educational programs, please see Debbie ASAP (Geology of the Front Range and Navigational Maps courses will be this spring).

Amber Brenzikofer:

You can now order your CMS T-shirts, hoodies, or bags. Payment needs to be made when items are ordered. Order forms were sent out via email or available at March and April meetings. Need to have orders in by April 3, 2015 so delivery can occur by the May meeting.

Jennifer Knies:

Announced that the scrap book is almost complete, and if anyone has anything to contribute to the book, please contact the scrapbook committee.

Howie Houk:

Needs more volunteers for the May action, a sign-up sheet will be sent around if anyone is interested in helping.

If you need to get a bid slip or number to buy or sell, see Leslie. There will also be slips available on the web.

Volunteers need to get to the facility by 9:30am to get their work assignments.

There will be a verbal and silent auction – The auction is from 11:00am – 3:00pm. Verbal auction is at 1:00pm.

Sandra Gonzales:

Passed out a poster on the event from the Friends of the Colorado School of Mines Geology Museum (book sales, guest speakers, trips & memberships)

Guest Speaker: Pat Tucci and Zelda Bailey – Mineral of Morocco

The names of the winners of the Door Prizes were lost, but congratulations to all the winners!

Submitted by Sandra Gonzales, Secretary

CMS Board Meeting for March 17, 2015

Present: Bruce Sales, Eva Siemonsma, Amber Brenzikofer, Debbie Kalscheur, Daryl Lamb, Sandra Gonzales, Gary Rowe, Howie Houk, and Cara Reynolds

Meeting called to order by Bruce Sales, President at 7:30pm

Old Business:

Display Committee – Material and peg board is currently being priced to improve the displays.

Put on hold until the next meeting. Leslie Osgood was obtaining prices for the material.

April Meeting Guest Speaker is Mark Jacobson – “History and Mining in Pikes Peak Batholith”.

A representative from the Denver Show committee, Robert Berry plans on attending the April meeting to talk about the Denver Show.

Debbie Kalscheur reported for the Education Committee – Currently there has been a great response to signing up for the two educational programs offered thru CMS this spring:

1. Geology of the Front Range – Starts April 6, 2015 for 10 sessions
2. Maps and Compass – Scheduled for April 11, 2015.

CMS vests – Put on hold until the next meeting.

Messages in the Stone Book have been purchased and will be distributed at the next CMS meeting for members who ordered the book. One book was purchased for the CMS library.

Gary Rowe reported on 2015 field trips – Several field trips are already scheduled, and some of the sites still need confirmation. Deadline for the CMS Field Trip Guide to go to printing is April 28th, which will be distributed at the May general meeting. It will be emailed out to active and life members after the May meeting.

Howie Houk presented on the May Auction – Organization of the May Auction is coming along nicely.

- We have several volunteers that have volunteered for several positions at the auction. If you want to volunteer, please contact Howie.
- The food for the volunteers is being organized by Daryl and Laurie Lamb. Ask for members to bring desserts.
- Bid slips are being organized by Leslie and Amber. If you want to be a buyer or seller, contact Leslie.
- A flyer will be created and passed along to several clubs, mineral shows, etc. Remind members to pass on information to friends and family.

A reminder the April CMS general meeting will be held at Clements Center.

New Business:

Cara Reynolds announced the names of all the new CMS members, and reported that we have 266 members listed to date.

Cara has encouraged everyone to get your memberships in before the April 10th date to meet the deadline to have your name in the CMS membership directory.

Eva Siemonsma presented a financial income / expense report for CMS for 10/1/2014 – 2/28/2015, which was approved by the board.

Daryl Lamb, is a representative for the CMS Denver Show Council, and asked the board how he can best represent the club on some new issues that may be addressed at the next Council meeting.

- A motion was made to have Daryl Lamb vote on ways to improve the Denver Show’s process, policy and procedures; and to increase communication with internal and external customers.
- It was also recommended that the Show Committee needs to seek a possible outside professional group to help identify a 5-year strategic plan to insure that the show will continue to grow and prosper.

Amber Brenzikofer reported on CMS shirt sales to date. An order form was email to members and passed out at the March general meeting. She will be receiving more orders at the April general meeting. Cutoff for orders is April 3rd to get the shirts by the May 1st meeting. She will coordinate distribution of shirts after the May meeting if needed.

The newsletter deadline is March 25th.

The next Board meeting is April 21, 2015.

Meeting Adjourned

Submitted by Sandra Gonzales, Secretary



Colorado Mineral Society
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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>



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