



# Colorado Mineral Society

# Mineral Minutes



Volume 80, Issue 4

April 2016

## President's Message

by John W. Smith

Wouldn't it be nice as citizens of Colorado if we could just go wherever we wanted to so that we could pursue our hobby as rockhounds? Well the fact is that we cannot do so – even when the land we wish to hunt on is considered public lands. This is the subject that I wish to discuss in my article this month.

Before I begin, let me warn you that regardless of what ever ANYONE tells you, it is your responsibility to verify that rockhounding, fossil collecting, and gold panning are allowed at the locality that you will be hunting. I will explain how you do this later.

According to the Bureau of Land Management (BLM) website [http://www.blm.gov/co/st/en/BLM\\_Programs/recreation/Recreation\\_Activities/rock\\_collecting\\_and.html](http://www.blm.gov/co/st/en/BLM_Programs/recreation/Recreation_Activities/rock_collecting_and.html) “Rock collecting and gold panning are generally permitted on public lands, except for certain designated areas, such as wilderness areas, Wilderness Study Areas, developed special management areas or recreation sites. Precious and semi-precious gems can be collected in reasonable quantities without a permit, as long as the activity is for personal use and not commercial purposes”.

Another BLM website states: ([http://www.blm.gov/co/st/en/fo/gjfo/mineral\\_material\\_sales/rock\\_hounding.html](http://www.blm.gov/co/st/en/fo/gjfo/mineral_material_sales/rock_hounding.html))

- Semi-precious gemstones, petrified wood, common invertebrate and plant fossils may be collected on public lands without charge or permit in [reasonable amounts](#) as long as the specimens are for personal use only and cannot legally be sold or bartered.
- No undue or unnecessary degradation of the public lands is allowed during the removal of rocks, minerals, gemstones, or fossils.
- Collection and removal must be done by hand tools only and cannot be aided with motorized or mechanized equipment. Metal detectors are acceptable except on historical sites.

Even meteorites are controlled by the BLM. Recently, new rules have been developed by the BLM. Under those rules most of us will fall under the casual use category. While it is stated that this category does not need any special permits in general, the rules vary from BLM to BLM office so just like collecting rocks, fossils, and panning for gold you must contact the BLM office that has jurisdiction over the lands on which you are hunting.

To find the BLM office for the area you will be hunting, look on the first website above, go the “visit us” tab on the left, and under that tab click on “field offices”. Doing it this way, the site provide addresses and phone numbers for all BLM offices in Colorado.

Good hunting – but do it legally.

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### CMS April 1st Meeting

The next General Meeting is April 1st (no joke) at St. Paul's Episcopal Church, 10th and Garrison in Lakewood. Meeting starts at 7:30pm. **A pre-auction meeting for volunteers will meet an hour earlier at 6:30pm to go over assignments and instructions.**

The guest speaker at the main meeting will be Harold Taylor who will talk about the Burgess Shale. More information on the presentation is located on Page 5.

## COLORADO MINERAL SOCIETY OFFICERS

2016

President: John W. Smith

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 Chair: *OPEN*

Membership: Cara Reynolds

Membership Assistant: *OPEN*

Field Trip Leader: Gary Rowe

Field Trip Leader Co-Chair: Nels Grevstad

Nominations: Daryl Lamb

Grab Bags: Dale Block

Editor: Amber Brenzikofer

Historian: Amber Brenzikofer

Scrapbook: Jennifer Knies

Junior Rockhound Coordinator: Lewis Reynolds

Junior Rockhound Assistant: *OPEN*

Hospitality: Star Edwards

Donations: Debbie Kalschur

Web Master: Julio Edwards

[coloradomineralsociety@comcast.net](mailto:coloradomineralsociety@comcast.net)



### Representatives (Board Members)

Denver Council Rep: Bruce Sales

Denver Show Rep: Dale Gann

**COLORADO MINERAL SOCIETY (CMS)** was founded in 1936 by a group of distinguished individuals within the mineralogical field. The organization was incorporated as a non-profit, educational organization in 1948. The Society is affiliated with the 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 Contintail, 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 20th of the month prior to publication. All correspondence to Mineral Minutes should be sent to Amber Brenzikofer, Editor, P.O. Box 280755, Lakewood, Colorado 80228-0755 or by email to:

[editor.coloradomineralsociety@gmail.com](mailto:editor.coloradomineralsociety@gmail.com)

## April Field Trip Opportunity: North Table Mountain Zeolites

CMS Members, we have been invited to attend a field trip to North Table Mountain to look for zeolites that is scheduled for Saturday, April 23. The trip will be hosted by the Flatirons Mineral Club (FMC) out of Boulder and will be led by FMC members Dennis and Linda Gertenbach. I have been working with FMC to schedule several joint CMS-FMC trips and this is the first one to be offered (the rest will be listed as part of the 2016 CMS Field Trip Guide to be released at our May 6<sup>th</sup> general meeting). Here are the details regarding the trip:

**Meeting Place & Time:** **To be determined (instructions will be emailed to attendees when their attendance is confirmed).**

**What to collect:** Zeolite minerals, including analcime, chabazite and thompsonite and calcite.

**Tools:** rock pick, chisels, bucket, gloves, eye protection, and something to wrap delicate specimens. Sledge or crack hammers are mandatory as you need to break open boulders/blocks of tough volcanic rock to expose the pockets of zeolites.

**Hazards:** The main hazard is from rock fragments that break off the boulders at high speed when you are busting them up to expose the zeolite. Hence a good set of safety glasses (with side protection) are critical. Rattlesnakes are known to occur in the area, insects will also be present. Bring plenty of water and sunscreen as the south-facing quarry area will receive full sun. Rock falls from the quarry wall are also possible; if you plan to work near the cliff face hard hats are recommended.

**Conditions:** Moderate: the collecting spot is reached after a short but rather steep trail, for those that have attended this trip in the past there is a new trail that takes a more direct route to the old quarry. However, you do need to keep the hike back down in mind when deciding how many specimens you'd like to take home.

**Geology:** During early Paleocene time shoshonite porphyry lava was extruded from several plugs about 5 km north of Golden, Colorado to form lava flows intercalated in the upper part of the Denver Formation. These flows have been dated as being between 63 and 64 million years old; a total of four distinct flows were erupted non-explosively over about one million years; subsequent erosion of the flows and interbedded sedimentary rock has resulted in the formation of North and South Table Mountains.

All four flows are classified as shoshonite porphyry flows. Shoshonite is a term geologists use to describe basaltic andesites that are enriched in potassium. Porphyry is used to indicate the texture of the flow and means the rock is composed of mixture of glass and crystals (phenocrysts), in this case, plagioclase feldspar (Na-Ca feldspar), pyroxene (augite), and olivine with accessory biotite and sanidine (K-feldspar). Silica concentrations are in the range of 50-55% and the potassium content approaches 5%. The main attraction is the secondary zeolite minerals which fill vugs and voids in the second lava flow.

References regarding the geology and mineralogy of the North Table Mountain locality include:

Drewes, H., 2008, Table Mountain shoshonite porphyry lava flows and their vents, Golden, Colorado: *U.S. Geological Survey Scientific Investigations Report* 2006-5242, 28 p.

Kile, E.D. (2004) Zeolites and Associated Minerals from the Table Mountains near Golden, Jefferson County, Colorado. *Rocks and Minerals*, Vol. 79 No. 4, (Zeolites special Issue), 218-238.

Kile, J. and Modreski, P., 1988, Zeolites and Related Minerals from the Table Mountain Lava Flows near Golden, Colorado, "*The Mineralogical Record*" (Vol. 19 No. 3, May/June, pgs. 153-184)

**What to Do if You Want to Attend this Field Trip:** **E-mail CMS Field Trip Chair Gary Rowe at [cmsfieldtrips@gmail.com](mailto:cmsfieldtrips@gmail.com) on or before Wednesday April 20<sup>th</sup> if you plan to attend the trip. Please let Gary know how many people you plan to bring along with your contact information (email and cell phone number you can be reached on the day of the trip).** Gary will then send a list of attendees to Dennis Gertenbach and the CMS Trip Leader.



Analcime on Thompsonite, North Table Mountain, near Golden, CO

## New CMS Members

### First Listing

- Toni Anthony
- Louise Bloch
- Loni Cole
- Dave and Martha Glasser
- William and Trudy Jackson
- Kelly Kehoe
- Mike and Elizabeth Kempe & family
- Nam and Kay Lee
- Chandra McDonald and Megan Hale
- Doug Osborn & family
- Laurence Parmentier and Laird Reeds
- Miranda Sparks and Logan Longnoz
- Betsy Talaat

### Second Listing

- Susan Freeman and Barry Reher & family
- Rex and Lita Buhrmester

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

## Membership Deadline

To be listed in the CMS 2016 membership directory and to receive a paper copy of the 2016 Field Trip Guide, please send in your 2016 membership dues to be received by Friday, April 8<sup>th</sup>. They may be mailed to the PO Box or paid at the April 1<sup>st</sup> general meeting. Correction to the 2015 membership directory should also be identified by April 8<sup>th</sup>.

## Notice of Change in By-Laws

At the April Meeting, the following will be put to a vote of the members of Colorado Mineral Society:

A motion to change the language of the by-laws of CMS to bring membership rules in accordance with Federal ruling.

The current language is "A Family Member shall consist of a man and/or a woman and their children under the age of eighteen." The proposed language is "A Family Member shall consist of an individual, his/her domestic partner (living at the same address) and their legal guardianship children under the age of eighteen." There will be opportunity for discussion during the motion.

## CMS Junior Rockhounds April Program

**Topic:** *Maps*

**Overview:** As this evening is our last meeting before the summer field trip season begins, we will learn about two important tools used during the planning, experience, and post-trip enjoyment of a collecting adventure: maps and the Global Positioning System (GPS) receiver. Different type of maps will not only help us travel to the collecting locality, but also assist us in understanding the geography and geology surrounding the area. We will thus talk about various types of maps and how to read them. An amazing tool that enables us to find our location in the world is the GPS receiver. **Please bring your coats along to the meeting since we will spend part of the Program time outside learning about GPS.**

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 *Maps* 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](http://www.amfed.org/fra/AFMS_FRA_Badge_Manual_Revised_2012.pdf)

*Maps* badge is discussed on pages 215-221 of the manual.

Parents or guardians: please print the sign-off sheet on page 216 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*



## May 7th Auction

CMS will have its annual silent auction of mineral hobby items on May 7th at the Holy Shepherd Lutheran Church located at 920 Kipling, 3 blocks north of 6th Avenue in Lakewood, from 11:00 AM to 2:45 PM. Admission is free. We need volunteers and a sign-up sheet will be available at the upcoming general meetings. The auction features reasonably priced minerals, fossils, faceted stones, lapidary equipment, books, and jewelry to the general public. A unique aspect of this auction is the ability for visitors to view and bid on fluorescent minerals in a special ultraviolet powered Fluorescent Room! There are door prizes every half hour, and a special verbal auction at 1:00pm of museum quality specimens donated by special dealers. There is abundant parking, refreshments, and easy handicap access without any stairs. As always, the club will have a few auction tables reserved for only children to bid on.

A special invitation is extended to non-CMS members to participate in this auction as sellers and buyers. All sellers are requested to pre-register by phoning Leslie Osgood at 303-986-4488. Please leave a message for Leslie and she will call you back. Sellers can get extra copies of bidding slips in the May CMS newsletter or on our club website at [www.coloradomineralsociety.org](http://www.coloradomineralsociety.org). The website version of the forms can be filled in electronically. Sellers, be sure to include a minimum value on the bid forms.

A pre-auction volunteers meeting will be held on **April 1st at 6:30pm**, an hour before the 7:30pm general meeting. Volunteers Needed:

- \* A set up team
- \* Raffle helper
- \* Table clearers & movers
- \* Check-in help
- \* Verbal Auction help
- \* Food service help
- \* Cashiers
- \* Clean up
- \* Back room help
- \* General help

Contact Howie Houk at 303-237-7072 or [jhhouk@msn.com](mailto:jhhouk@msn.com) for more information.

## April Presentation

### Walking on Trilobites--A Trip to the Burgess Shale

by Harold Taylor

Harold Taylor will present "A Trip to the Burgess Shale", documenting a trip to the famous fossil locality in Canada, with stops at other museums and fossil sites along the way.

Charles Walcott is known locally for his discovery of an ancient fossil fish just west of Cañon City, a fossil which held the record as the oldest vertebrate until only recently. He is also known for the 1909 discovery of the Burgess Shale in Canada, well documented in the book by [Stephen Jay Gould](#), [Wonderful Life](#) (1989). The fossils from the Burgess Shale are still considered the most important record of life in the Cambrian period, and date to approximately 510 million years old.

Inspired by Gould's book, Harold and Christina Taylor made the 3,500 mile pilgrimage to Yoho National Park to visit the area of Walcott's great discovery. Needless to say, all of the fossils have been removed from Walcott's original quarry, but an outcrop on the other side of the valley still holds fossils that can be seen today, mostly trilobites, but an occasional oddity as seen in the original quarry.

The trip also included stops at The Museum of the Rockies, Bozeman; the Royal Tyrrell Museum near Calgary; Dinosaur Provincial Park; Glacier National Park; and the Wyoming Dinosaur Center, Thermopolis. Each of these locations had fossils that were absolutely amazing, from stromatolites to Burgess Shale fossils to trilobites to crinoids to (of course) dinosaurs. Truly a dream trip for fossil lovers.

Bio: Harold Taylor and his wife, Christina, moved from Lakewood to Cañon City about two years ago, and they moved there because of the geology.

Harold was introduced to rockhounding and lapidary work by his uncle while he was in high school. He then helped pay his way through college by selling his lapidary work to the Jewelry and Silversmithing department at the University of Kansas, where he majored in Mathematics. His career has included teaching mathematics and statistics at the University of Virginia and the Colorado School of Mines, working as a quality engineer at Coors, and creating Healthcare Statistical models for several companies including General Electric and Healthgrades.

Now retired, he spends his time working on different geology projects, enjoying all of the outdoor activities around Cañon City, and creating custom jewelry for his business, Taylor Made Arts and Lapidary. He will have jewelry for sale at the meeting.

[www.taylor-made-arts.com](http://www.taylor-made-arts.com)

<https://www.etsy.com/shop/TaylorMadeArtsGems>

[taylor\\_made\\_arts@yahoo.com](mailto:taylor_made_arts@yahoo.com)

## March 4th Raffle News

Thank you to those who donated these great specimens, the raffle would not be a success without you!!! March's tickets sold were \$234, with the retail value of \$113. These funds are spent on CMS education, the purchase of library materials, and the state science fair awards. The most popular specimen was the pyrite from Peru (\$136) donated by **Marty Zinn** and won by a very, happy *John Smith*. *Paul Hatfield* won the quartz specimen (\$34) that was donated by **Porter Mineral Int.** *Chris Keilman* won the sulfur specimen (\$27) that was donated by **Richard Owens**. The calcite specimen (\$17) donated by **Rocky Mountain Gems and Minerals, Inc.** was won by *Bob Murphy*. *Bobbie Manning* was all smiles when he won the wulfenite specimen (\$10) donated by **Self-A-Ware Minerals**. Last but not least, *Aaron Cross's* ticket won the dursy quartz specimen (\$10) that was donated from the **Charles Spletz Collection**.

Thanks Jennifer Knies and Shaelene Kent for helping with the raffle. Congratulations to all our lucky winners.

*Submitted by Eva Siemonsma, CMS Raffle Manager*

**Marty  
Zinn**

**Charles Spletz  
Collection**

**Richard  
Owen**

### Porter Minerals International

**Kenneth Porter**

788 Van Gordon Ct.  
Golden, CO 80401

(303) 232-2053  
porterminerals@comcast.net

### Self - A - Ware Minerals

Jeff Self  
303.898.7539

Donna Ware  
303.898.4019

[www.SelfAWareMinerals.com](http://www.SelfAWareMinerals.com)

### Sandra Gonzales

[rockygems@comcast.net](mailto:rockygems@comcast.net)

720-425-3908

**Rocky Mountain Gems & Minerals**

[www.rockygems.com](http://www.rockygems.com)

## 2016 CMS Education Program Update

*by Debbie Kalscheur, Second Vice-  
President-Education*

The Gemology course being offered in April by Star Edwards is full. CMS has offered a course in Mineral Identification taught by Ed Raines at the Colorado School of Mines (CSM). If the interest is high, the Board will strongly consider offering it this fall. Details are included below. We will have a preliminary sign-up sheet at the April and May general meetings. This a great course for those who have not had the chance to take it yet, may not have had exposure to mineralogy/geology in a formal educational setting, or are just getting started in this hobby and are eager to learn.

### Mineral Identification Course – Fall 2016 (10 lectures)

In this course, you will receive hands-on experience with mineral identification techniques along with gaining an understanding of basic Crystallography and the 6 core crystal systems. Participants will be issued microscopes and flats of minerals for use during the class. This course is designed to establish a working base of knowledge that students will be able to use in the field or at the shows to identify minerals and mineral associations. This is a great course for those who are fairly new to the mineral world or who just want to expand their skills in accurately identifying rocks and minerals.

This class is taught by Ed Raines from CSM. It meets for 10 weeks at the CSM Geology Museum in the classroom across from the Geology Museum entrance and generally is held on a Monday or Wednesday – although the weekday can be flexible depending on the needs of the class. The 2015 cost of course was \$150/person with CMS and the student contributing \$75 each. We still need to confirm that there has been no increase this year. The class can accommodate 10 people, ages 13 and up. Contact Debbie Kalscheur for details ([kalscheur2004@yahoo.com](mailto:kalscheur2004@yahoo.com)).

## Denver Gem & Mineral Show Mini Report April 2016

The Denver Gem & Mineral Show for 2016 is fast approaching. Remember the dates are September 16 - 18, 2016. The theme is "Minerals of Africa". The location remains the Denver Mart, I-25 and 58th Avenue (Exit 215 on I-25). Flyers and postcards for the show will be available soon. The show is always a fantastic event for all of us gem, mineral and fossil hobbyists and collectors. Every club member should be a part of it. Don't forget to volunteer for the show.

In addition to the show competitions covered in last month's mini report, there are other competitive opportunities offered by the show.

The C. E. Withers Award honors the memory of a man who was committed to the improvement of displays in the show. No special entry form is required, and a given exhibit may win this award only once. The winner is determined by a vote of the members of the Show Committee. Entries are judged on showmanship, quality, and educational value. Adherence to the show theme is not a requirement. Individuals, couples, or families are eligible. Dealers, commercial miners, individual competitive cases, cases exhibited by aggregate groups and club cases are not eligible.

The Donna Chirnside Museum Trophy honors Donna Chirnside, a deceased member of the Show Committee who served as Exhibits Chair for several years and as such was instrumental in improving exhibits, particularly the museum exhibits. This trophy is presented to the museum with the best display at the show. The entries are judged on showmanship, quality, educational value and relationship to the show theme. The winner is determined by a special Judging Committee.

The Prospector Trophy is awarded in honor of the countless miners, prospectors, and mineral collectors who preceded us and collectively made a monumental contribution to the Earth Sciences. The trophy is given to the best field collected mineral specimen found during the year preceding the opening date of the show. The specimen(s) entered must have been personally collected in the field by the exhibitor and may be any species, from any locality and any size. An exhibitor may enter up to three specimens. Eligibility is strictly limited to amateurs.

The Junior Prospector Trophy is awarded for the best field collected specimen personally collected by an individual, aged 6 through 14, and found during the year preceding the show. The other rules for this trophy are the same as for the Prospector Trophy.

The Best Fossil Trophy is intended to encourage exhibition of fossils at the show, as well as to increase public awareness of the importance of this aspect of Earth Science. The trophy is given to the best field collected fossil specimen found during the year preceding the show. The specimen(s) entered must have been personally collected in the field by the exhibitor and may be any fossil, from any locality and any size. Specimen(s) must be labeled with the name and location using AFMS fossil labeling standards. In addition, the geological formation must be cited on the label. An exhibitor may enter up to three specimens. Eligibility is limited to amateurs.

For complete information on these competitions, see the show website [www.denvermineralshow.com](http://www.denvermineralshow.com). Anyone with questions about these competitions may contact the Judging Chair, Larry Havens at 303-757-6577 or [lwrnchavens@comcast.net](mailto:lwrnchavens@comcast.net).

Next month the last two competitions, the Richard M. Pearl Trophy and the Club Prospector Trophy, will be covered.

*Respectfully submitted, Judy Knoshaug, Show Secretary*

### Rocky Mountain Federation News

The Rocky Mountain Federation of Mineralogical Societies (RMFMS) is made up of 82 clubs representing 13 Western states. CMS is a member of RMFMS. The Rocky Mountain Federation News is published monthly and is located at [www.rmfmts.org](http://www.rmfmts.org).

Wichita Gem & Mineral Society 62nd Annual Gem and Mineral Show and the 2016 RMFMS Convention  
April 22-24, 2016



### A.F.M.S Newsletter

The American Federation of Mineralogical Societies (AFMS) 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>.



*Announcing an Amazing  
Book, Mineral, and Fossil Sale*  
**CSM Geology Museum**  
1310 Maple Street, Golden, CO



**Saturday and Sunday,  
April 30 and May 1, 2016  
9 A.M. - 4 P.M.**

Hundreds of books, minerals, rocks, maps, U.S.G.S. folios, fossils, etc. Prices vary by item or box. Most prices will be reduced throughout the event. **Information: 303-273-3815**

Other Shows and Silent  
Auctions

*Courtesy of Pete Modreski*

**Apr. 1-3, 55<sup>th</sup> Annual Fort Collins Rockhounds Gem and Mineral Show**, at the McKee 4-H Building, Larimer County Fairgrounds, I-25 exit 259 (Loveland exit). 4-8 p.m. Fri., 9-6 Sat., 10-5 Sun. See: <http://www.fortcollinsrockhounds.org/geAndMineralShow.shtml>.

**Fri., Apr. 8, 6:45 p.m., North Jeffco Gem & Mineral Club Silent Auction**; APEX Community Recreation Center, 6842 Wadsworth Blvd, Arvada, CO. Setup at 5:30 p.m. Sellers & buyers welcome. Seller limits on number of items to sell: Club Members – No limit Non-members – Maximum of 30 items. Auction Begins 6:45 p.m. Checkout begins immediately after auction ends; no early checkout. For more info call Bill Jones [303-503-6288](tel:303-503-6288) or email [sidewindermin@comcast.net](mailto:sidewindermin@comcast.net).

**Sat., May 14, Friends of Mineralogy, Colorado Chapter, Silent Auction**. Clements Community Center, 1580 Yarrow St., Lakewood CO, 12:00-3:00 (setup begins at 10:30 a.m., auction begins at 12:00, verbal auction 1:00, all tables closed by 3:00 p.m.).

**Fri.-Sun., June 3-5, 53<sup>rd</sup> Annual Pikes Peak Gem, Mineral, and Jewelry Show**, sponsored by the Colorado Springs Mineralogical Society; at a new (indoor!) location, the Mortgage Solutions Financial Expo Center, “a community partnership between the University of Colorado — Colorado Springs (UCCS) and the Housing & Building Association of Colorado Springs (HBA)”, 3650 N. Nevada Ave., Colorado Springs. 10 a.m. – 5 p.m. Fri. & Sat., 10 – 4 Sun. See [www.csms-web.org](http://www.csms-web.org), email [runningboar@hotmail.com](mailto:runningboar@hotmail.com).

**June 9-12, Fairplay Contin-Tail Rock & Mineral Show**, Fairplay, CO; see [www.facebook.com/ContinTail](http://www.facebook.com/ContinTail).

**June 17-19, Victor, CO Gem and Mineral Show**, Victor, CO; see <http://victorcolorado.com>.



**Colorado Mineral Society's  
Silent and Verbal Auction**

**Saturday - May 7, 2016**

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

- 🚧 Door prizes every half hour, raffle at 2:45pm
- 🚧 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 2:45pm  
Checkout will begin at 2:45pm (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):

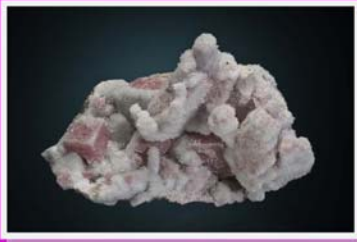
[www.coloradomineralsociety.org](http://www.coloradomineralsociety.org)

Checkout will be by bidder number, lowest number first, so contact Leslie Osgood at 303-986-4488 for a bidder number and/or seller letter

Any questions about the auction should be directed to Howie Houk by phone at 303-237-7072 or by email at [jhhouk@msn.com](mailto:jhhouk@msn.com)







Show Theme  
 “How has mining  
 influenced your  
 life?”

Rhodochrosite, Sunnyside Mine  
 San Juan Co, Colorado \* Jeff Scovill Photo

## Rocky Mountain Gem and Mineral Spring Show

April 15,16,17, 2016

9AM - 6PM Friday & Saturday

9AM - 5PM Sunday

Crown Plaza Hotel Convention Center D

15500 E 40th Ave Denver, CO 80239

Over 50 Gem, Mineral, Fossil, Lapidary,  
 Jewelry, and Meteorite Dealers (Wholesale / Retail)



For more information visit  
[www.rockygems.com](http://www.rockygems.com)



Please join us for a fundraiser  
 to benefit the School of Mines  
 Geology Museum  
 Silent / Verbal Auction

Where: The Crowne Plaza Dia Hotel ( Atrium ) Lobby of the Hotel

Address: 15500 E 40<sup>th</sup> Ave Denver, CO 80239

Time: 6PM - 9PM Following the Rocky Mountain Gem and  
 Mineral Show

Social Event: Food and Drinks- Come dressed as a miner!

100% of all sales from the auction will benefit the

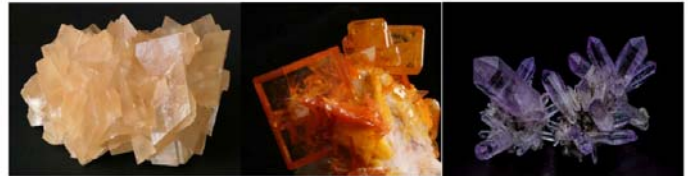
Colorado School of Mines Geology Museum

Sponsored by The Friends of the CSM Geology Museum and  
 the Mineral Community. Info: [www.rockygems.com](http://www.rockygems.com)

Hotel Link For Directions: <http://www.cpdenverairport.com/>

For more information: log on to the [www.friendsofcsmgemuseum.org](http://www.friendsofcsmgemuseum.org)

or the Friends Facebook page <https://www.facebook.com/LikeCSMGeoMuseum>



## CMS Membership Dues Reminder

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

### CMS Membership Fees:

Family: \$16 per year

Single: \$14 per year

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

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

Also, due to RMFMS insurance and liability purposes, we need to know the month and year of your children's birthdays, so please provide this information when you renew your membership. The children's information will not be published. A new membership form is located on the CMS website at [www.coloradomineralsociety.com](http://www.coloradomineralsociety.com).

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

## CMS General Meeting on March 4, 2016

John Smith, the CMS President, opened with introductions and asked if there were any new members or visitors to introduce themselves.

Attendance: 105

John mentioned that the May Auction is coming up and we need volunteers, an auction sign-up sheet will be passed around, so please sign up. Denver Gem and Mineral sign-up sheets will also be circulating and volunteers are needed from all the clubs, please sign up.

Committee member positions that are still opened: Display Chair, Junior Rockhound Assistant, Membership Assistant.

Lifetime members were recognized with a Lifetime Achievement Certificate and a CMS Badge: Leslie & John Osgood and Jack Sliemer.

Craig Hazelton talked about the Colorado Science and Engineering Fair held on April 7th in Fort Collins and the need for volunteers. This is a program that CMS has been involved with for all of the 61 years of the competition. See Craig if you want to volunteer.

Bruce Geller announced the Pegmatite Symposium July 15-19. If you want to participate you can either join the Friends of CSM Geology Museum or Friends of Mineralogy. This should be a great event.

Colorado School of Mines (CSM) Geology Museum will have their giant garage sale on April 30-May 1 at the museum. Friends members get to view the material on Friday at 4pm.

Gary Rowe briefly talked about the field trips for the summer which will include several out of state trips. All the trips will be presented at the May meeting. There will be a March fieldtrip to the CSM Geology Museum.

Debbie Kalscheur mentioned that there are 2 educational classes being offered this year: 1. Gem identification class by Star Edwards with 4 classes starting in April, \$30 and CMS matches the additional \$30; 2. Ed Raines 10 week mineral identification class to be held this fall, \$75 and CMS matches the additional \$75.

Eva Siemonsma gave a brief Treasurers Report. Total funds in the bank are \$19,259. If you have any questions about the report, see Eva. Eva also identified all the people who donated for the raffle.

Amber Brenzikofer asked for written articles, field trip reports, poems, and cartoons for the newsletter.

Jennifer Knies and Amber Brenzikofer will be completing the CMS 2015 Scrapbook that will be submitted for the AFMS All American Club contest. The scrapbook is due in April.

Howie Houk, Auction chair made a few announcements: Auction is May 7, 2016 at Holy Shepherd Lutheran Church on Kipling in Lakewood. We need volunteers for security, set up, and break down. Seller can sell 3 flats of materials. Get your bidder number so you can be one of the first to check out. Pre-auction meeting will be set up for all volunteers before the April 1st general meeting.

Guest Speaker: Bob Christy - Arkansas Quartz

Raffle drawing held. See Page 6 of April newsletter for winners.

Congratulations to the door prize winners:

Leslie Osgood  
Laurence Parmentier  
Bob Christy  
Pat Sliemers  
Jim Linn  
David Menard

Peg Sziklas  
Jack Sliemers  
Judy Geller  
Aaron Cross  
Kent Gestring



*Notes taken by Sandra Gonzales, Secretary*

## CMS Board Meeting on March 22, 2016

Attendees: John W. Smith, Gary Rowe, Debbie Kalscheur, Bruce Sales, Cara Reynolds, Lewis Reynolds, Amber Brenzikofer

### Old News:

- Defining family for membership. Cara Reynolds presented a revision to the by-laws for the definition of a family membership. After discussion, the revision was approved and will be presented to the CMS members at the April general meeting for a vote, which is needed to revise the by-laws.
- Appointed positions open, make an announcement at next general meeting:  
Cara reported that she has found three membership assistants, we are still looking for a secretary, Junior Rockhound assistant, and a Display Chairperson.
- Cara wanted to commend Howie Houk on the organization of all old membership files.
- Education - Debbie Kalscheur reported on educational opportunities  
Star Edwards will teach a gemology class in April (4 classes). The class is full (15 people).  
Five people have already signed up for Ed Raines Mineral ID class this fall, will continue to take names at the general meetings.
- Denver Show Updates - John Smith received show forms that need to be completed and filled out and turned into the show committee. A sign-up will be sent out at the next meeting to sign up volunteers for the show.
- May Auction will be on May 7, 2016, church is open at 9am for setup. We need to be out of the facility by 4:30pm. Amber will prepare a flyer to be distributed at Rocky Mountain Gem and Mineral April Show. She will also send the auction flyers to other rock clubs for publications in their newsletters.
- Field Trips: Gary Rowe reported that the field trip committee meeting will be held next week to firm up field trips. The March field trip to the Colorado School of Mines Geology Museum was well attended.
- Guest Speakers :  
April – Burgess Shale Fossils in British Columbia - Harold Taylor  
May – No presentation, field trip meeting

### New Business:

Amber Brenzikofer reported that the deadline for newsletter is March 25<sup>th</sup>.

Lewis Reynolds presented several ideas for the Junior Rockhound program, including:

- A scholarship program for club memberships to families with kids who want to participate. A motion was made to offer memberships to junior member families at the discretion of the Junior Rockhound coordinator. Anonymous approval by the Board.
- The Junior Rockhound program has an ultraviolet light that is in need of parts. Lewis will check with fellow CMS members who specialize in fluorescents to see if they can get the light working. Options include getting new parts, putting the broken light in the May auction for spare parts, or getting it replaced.
- Lewis and Gary are working on junior-only field trips this summer.

Bruce Sales presented CMS with a \$250 check from the Greater Denver Area Gem and Mineral Council for newsletter expenses. The CMS representative attended all 2015 council meetings to get the grant from the council.

Bruce also brought to the attention of the Board possible addendums to the bylaws for the Denver Council. The Board asked for additional information.

Cara Reynolds reported that there are 270 membership units in CMS, which includes 470 individual members (401 adults and 69 children). She read the new members to the Board. She also will produce a database report of membership interests for possible volunteers.

Meeting Adjourned.

*Notes taken by Amber Brenzikofer for Sandra Gonzales, Secretary*





Colorado Mineral Society  
PO Box 280755  
Lakewood, CO 80228

## FIRST CLASS MAIL



### Calendar of Events

**April 1st, CMS Pre-Auction Meeting for Volunteers**  
at St. Paul's Episcopal Church, Lakewood, 6:30pm

**April 1st, CMS April General Meeting** at St. Paul's  
Episcopal Church, Lakewood, 7:30pm

**May 6th, CMS May General Meeting** at St. Paul's  
Episcopal Church, Lakewood, 7:30pm

**May 7th, CMS Annual Auction** at Holy Shepherd  
Lutheran Church, Lakewood, 11am-2:45pm

**Reminder: No CMS General Meetings in  
June, July, August, and September**



<http://www.coloradomineralsociety.org>