



# Colorado Mineral Society Mineral Minutes



Volume 85, Issue 1

January 2021



## President's Message

by

**Amber Brenzikofer**



I hope this message finds you and your family safe and healthy. I apologize for not getting a December newsletter sent out. All I can say is that the grinch ate it. It has been a crazy couple of months for me with the holidays, COVID protocols, work, and coordination of extracurricular activities. I was hoping that 2021 would start off better than 2020, but all we can do is wait and see.

We have moved the **next virtual meeting to Saturday, January 9<sup>th</sup> at 6:30pm (Mountain time)**. We had to find a date that did not conflict with other mineral club meeting dates. In addition, we are starting earlier in the evening because our speaker, John Betts, is located in the East Coast time zone and we did not want it to be too late for him. John Betts will be continuing Mark Jacobson's talk from earlier this month on how to identify minerals. An abstract of the upcoming presentation is found on Page 2. The Zoom meeting invite came out in a separate email last week and the link is also located on Page 2. Mark Jacobson is lining up some great virtual speakers from all over the country for the next five months, which is allowing us to take advantage of the Zoom meeting format. Once the speaker line-up is set, we will publish a list. We do not anticipate meeting in person for a General Meeting through May this year.

It is with a heavy heart to report that two of our CMS Life Members have passed away recently; Jordon Sawdo and Bob Aussprung. I had several interesting conversations with Jordon about fossils through the years and unfortunately did not know Bob, as he had moved to Arizona before I joined the club. More information on these two Life Members are located on Pages 4 and 5.

This is a reminder that the 2020 CMS membership dues expired on December 31<sup>st</sup> and it is time to renew your 2021 dues. If you have paid your dues after October 1, 2020, they have been applied to 2021. There are two ways to renew your membership dues. You can sign up or renew your 2021 membership dues online at [www.fieldtrips.coloradomineralsociety.org](http://www.fieldtrips.coloradomineralsociety.org). If you forgot your password from signing up online this summer, just click the link "forgot my password" which will allow you to set up a new password. We also still accept checks for membership dues that are mailed to the CMS PO Box (address below). Please fill out a membership form if you are mailing in your check so that we can make sure your contact information, phone numbers, and emails are correct. To meet our Rocky Mountain Federation of Mineralogical Society (RMFMS) insurance requirements, we need to have the birthdates of all children under the age of 18 years old. A membership form is attached at the end of the newsletter or can be found online. If your children will turn 18 years old in 2021, then they cannot be claimed on your family membership and require a separate single membership. More information on membership classifications and directions is found on Page 7.

**I wish everyone a  
happy and healthy  
New Year!**

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### INSIDE THIS ISSUE

- 2 John Betts Abstract
- 3 CMS Holiday Party Recap
- 6 Denver Show Mini Report



# CMS Virtual Meeting – Saturday, January 9<sup>th</sup> 6:30pm

Zoom Meeting Link:

<https://us02web.zoom.us/j/86299298445?pwd=cU9mMTJiREJpZlRcnpVjNlZz09>

Meeting ID: **862 9929 8445**; Passcode: **359589**

## **Identifying Minerals** **by John Betts, New York, NY**

The process of identifying minerals is like looking up the spelling of a word in a dictionary: You have to know the spelling in advance to find the word in the dictionary!

Books and web sites are full of facts about mineral species. But they are organized by mineral species, not by the attributes that we can observe.

What is needed is a process derived from the wisdom and knowledge of practical experience. This lecture will focus on three essential reference books, techniques to narrow the possibilities when looking up references, and how to approach identifying unknown minerals. It will include some simple tests, using everyday items, which you can perform quickly in your home.

Building on Mark Jacobson's previous lecture in December 2020, How to Identify Colorado Minerals, Mr. Betts addresses identifying minerals from any source. You may not be able to identify every mineral after this lecture, but the possibilities will be greatly narrowed to a few likely suspects.

### **About the Presenter:**



**John Betts** was born in Illinois in 1956 in a family full of artists and attended the University of Illinois receiving a Bachelor of Fine Arts in Industrial Design in 1978. Mr. Betts started collecting minerals in 1969 while living in California. His interest in minerals was heightened during summer vacation in Maine where he heard the famous mineral dealer/collector Stan Perham lecture about the huge beryl crystals discovered at the Bumpus Quarry in Maine. John has collected Maine minerals along with other New England states ever since.

His skills as a prolific field collector led to modest mineral sales at local mineral shows in the New York City area. By 1990 he was selling at 12 mineral shows per year. In 1996 Mr. Betts started an internet web site selling minerals [johnbetts-fineminerals.com](http://johnbetts-fineminerals.com) which rapidly expanded to the point that it was a second full time job. In 2001, after 23 years of working as a product designer, Mr. Betts left design work to devote his full energy to selling minerals. To date he has sold over 75,000 mineral specimens.

### **Bibliography of Articles Authored by John Betts**

[Index to the 15 volumes of The Mineral Collector; March, 1894 to February, 1909](#), Privately published, 1997, 94 pages.

[Manhattan Mineral Collecting](#), Mineral News Volume 14, No. 1, January 1998, pp.1-8.

[Anthony's Nose, New York: A New Look at an Old Location \(abridged version\)](#), Matrix, The Journal of the History of Mines, Volume 5, No. 4, pp. 131-143.

[Mineral Cleaning](#), Color & Light, The Journal of the International Gem Society, Volume 1, No. 2, Summer 1999, pp.39-46.

[Quarries and Minerals of the Dayton Rd. District, South Glastonbury, CT.](#), Rocks & Minerals Magazine, Volume 74, No. 2, March-April 1999, pp. 110-121.

[Digital Mineral Photography](#), Rocks & Minerals Magazine, v.76 #2, March-April 2001, pp. 102-112.

[Minerals of New York City](#), Rocks & Minerals Magazine, v.84 #3, May/June 2009, pp. 204-252.



# 2020 Virtual Holiday Party Recap

by Amber Brenzikofer



The first CMS Virtual Holiday Party occurred on December 4<sup>th</sup> using Zoom. It was a new experience for all of us and I want to thank everyone who participated. Mark Jacobson did a wonderful presentation on *How to Identify Colorado Minerals*. Now we need to get next summer's field trips set up so we can collect some of those minerals in his presentation..

We had a mineral challenge with Mark Leatherman showing various minerals to ID. The winners of the mineral challenge were:

- 1<sup>st</sup> Place - Pete Modreski
- 2<sup>nd</sup> Place – Christina Morrissey
- 3<sup>rd</sup> Place (tie) - Ron Wolf, Frank and Ellie Rosenberg,  
Hoyt Sutphin, and Lesley Sebol
- Junior winner – Alex Baldwin (who got 6 out of 10 right!)



Ben and Bruce Geller developed a Trivia game on geology and minerals that was done from your cell phone, which was tons of fun. Winners of the trivia game were:

- 1<sup>st</sup> Place - Mark Leatherman
- 2<sup>nd</sup> Place - Mark Jacobson
- 3<sup>rd</sup> Place - Ron Wolf



Door prize winners included: Lewis and Cara Reynolds, Marge Regel, Mark Leatherman, Cheryl Harrison, Craig Memmer, Judy Blakemore, and Dave Glaser.

For all the winners, congratulations! Mineral prizes were donated by Pat Tucci and Zelda Bailey and other generous donors. I will be sending out your mineral prizes after the holidays so I don't have to stand in line at the post office and the packages get crushed by the massive rush of other mail. Thank you Mark J., Mark, L., Ben, and Bruce for helping me put on a great virtual party.

Hopefully next year's CMS Holiday Party will be in person and things will be getting back to somewhat normal. I miss seeing you all in a festive atmosphere. Stay safe and have a healthy New Year!



# WELCOME!!

## New CMS Members

### First Listing

Vanessa and Jon Bayer  
Lisa Bowers  
Laura and David Chandler  
Matthew Curtis  
Travis and Yolanda Patten & family  
Nathan Robey and Cassandra Maly  
Julie Riddell  
Nathan and Cassandra Robey  
Frank and Ellie Rosenberg  
Dalton Schoen and Brianna Heffner  
Lukas Zumwalt

### Second Listing

Harry and Amy Kampakis  
Blake Lohman and Phuong Phan  
Andrea Puyear and Ambrey Nichols & family



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

## In Memorium - Robert "Bob" Aussprung



Robert Aussprung, age 91, of Mesa, Arizona, passed away peacefully due to complications from pneumonia, on December 19, 2020.

Bob was born on September 9, 1929, in Joliet. He graduated with his bachelor's and master's degrees in Education from Illinois State University. He is survived by his wife Betty; daughter, Sherry (Steve); son, Robert; and granddaughter, Alexandra.

He was most proud of all the students he taught and coached in the Peotone 207-U school district in a Chicago suburb throughout the years. Bob started teaching at Peotone High School in 1957, where he taught Science and Drivers Education, coached numerous sports, and was Athletic Director.

He was most happy when he was on the golf course, fishing, traveling, or faceting stones. Bob played his last game of golf four weeks before his passing. Bob was a CMS Life Member and joined the club in 1988. He led numerous rock hunting trips in Arizona, Colorado, and Arkansas. His daughter Sherry wrote to me that Bob was very proud to be a CMS member and she wanted to thank us for allowing him to lead field trips, talk "rock" as he said, and to be among like people who truly saw the value in rock education. Per Sherry, Bob's love for stones was amazing. He would try to cut anything and loved the challenge. She found an unfinished garnet on his machine he was trying to cut. On a side note, Sherry said her dad also loved making ceramic steins. So for his cremation urn, they used one of the steins and sealed the top with a beautiful slab of agate that he had found years ago.

A memorial service is pending due to Covid-19 protocols and he will be buried in Fort Logan Cemetery in Colorado. Donations can be made to the American Cancer Society or First Tee.

## In Memorium - Jordan Sawdo

Jordan K. Sawdo, a CMS Life Member, peacefully passed in his home with his children by his side on November 12, 2020. Jordan joined CMS in February 1967 after giving a talk to the club on Fossils.

Jordan was born on February 13, 1932 in Denver to John K. Sawdo and Mary Dorak. Living together with his father and grandmother, who only spoke Czechoslovakian, provided a memorable old world experience. They lived in rural Denver with kerosene lamps and an outside privy, raising pigs, growing what little food they had, and looked forward to the occasional trips to Denver to the Goodwill for a pair of “new” shoes. In fact, it wasn’t until second grade that he had electricity and running water. His childhood was full of memories that were character building, clearly demonstrating his tenacity, love, and resilience in life.



Jordan attended West High and was in the graduating class of 1950. It is there that he met his sweetheart, Ruth G. Sausaman and they were married on September 28, 1952. Jordan and Ruth shared 65 amazing years together, before her passing in 2017. Their life together began with Jordan’s military experience in the Navy Reserve and US Air Force, and then on to graduate school where he went to class by day and worked by night as a janitor and setting pins by hand at the local bowling alley to provide for his family of 3 children at that time.

After graduating Magna Cum Laude from the University of Colorado in 1958, he went to work for General Mills for over a decade, and another decade with National Tea Company where he was eventually the Director of Operations for over 44 stores statewide. Finally, after devoting many years in the grocery business, he had the opportunity to work in the field of geology. This led to directional drilling and subsurface surveying and he became the District Manager for Wilson Downhole, overseeing Colorado, Wyoming, Utah, North and South Dakota. Jordan was so well known and respected in the field, he went on to start his own company, which also allowed him to teach courses in Petroleum Technology, as well as designing oil wells for major oil companies. He never missed an opportunity to teach and did so at various colleges and universities, including the University of Colorado (Denver), Colorado School of Mines for many years, an extension course for the University of Texas, and a guest faculty member at Adelaide University in Australia, while he and Ruth were on a teaching exchange.

Additional lifetime teaching experiences ranged from his dedicated work of teaching from his basement at night, to a decade of fossil and related geology classes at the Denver Museum of Nature and Science. Furthermore, Jordan selflessly created courses for anyone who requested them, including school groups, where he and Ruth spent hours volunteering their time to devote to education of the youth. Jordan also provided displays, and unique specimens to many museums, including the Denver Museum of Nature and Science, Adams County Museum, and the Smithsonian Museum, where the fossil named after him, ERETMOCRINUS sawdoi, is currently housed.



Eretmocrinus sawdoi, a crinoid from the Pennsylvanian named for Jordan Sawdo (Photo: Denver Museum of Nature & Science, from WIPS Facebook page)

He excelled to unimaginable heights in this field becoming a nationally recognized appraiser in paleontology for museums, courts, as well as private collections. He held offices in many local organizations including Flatirons Mineral Club, Colorado Mineral Society, North Jeffco Mineral Society, and Rocky Mountain Mineral Society, to publishing and co-authoring many books, to being the founder of the Western Interior Paleontological Society (WIPS), where he leaves behind many friends and an immense legacy of love and dedication.

A celebration of life may be considered when it is safe to gather again. The family would like contributions to go to Western Interior Paleontological Society for educational grants and scholarships in his honor.

Checks can be sent in memory of Jordan Sawdo to:  
Western Interior Paleontological Society  
P.O. Box 200011, Denver, Colorado 80220

## Denver Gem & Mineral Show Mini Report December 2020

Cursed 2020 - the year with no show!  
The deadly coronavirus has laid us all low!  
But there's hope for a vaccine  
To vanquish Covid - 19.  
It's proved a most formidable foe!

As you probably know, current expectations are for distribution of a vaccine from Pfizer and possibly one from Moderna to commence in the near future. This is a very promising and important development! The Show Committee is confident that, although a return to normalcy may progress slowly, 2021 will see shows, meetings, field trips, and other activities happening again. The committee is planning for the 2021 Denver Gem & Mineral Show to take place.

The dates for the 2021 show are September 17 - 19 and the venue is the usual Denver Mart, 451 East 58th Avenue. The show theme is "Fabulous Fluorite". The Show Chair is Linda Burns, a member of the Denver Gem & Mineral Guild. Linda can be reached at 303-263-0391 or burns.henley@gmail.com. and is always open to your input regarding the show.

The Denver Gem & Mineral Show is sponsored and owned by the Greater Denver Area Gem & Mineral Council but is planned and operated by the Show Committee, an august group of some 40 plus dedicated volunteers. The Show Committee meets monthly during the year, except for the months of December, February, and July. Currently, the meetings are conducted on Webex rather than in person. There are always personnel changes on the committee and a need for new members. After serving many years as the Trophies and Saturday Night Event Chair, Nick North has resigned from the committee since he may relocate to Texas. Thus, there is a need for new Trophies and Saturday Night Event Chairs. There is also a need for an Assistant Treasurer, a Tear Down Chair, and another Schools Assistant. The Schools Chair is converting to a more online approach for reaching out to local schools and home schools and consequently would appreciate assistance from someone more conversant in online communication. The Denver Gem & Mineral Show is the most exciting event in our local area for the gem, mineral, and fossil hobbies. So since we have all be mostly cooped up during 2020, why not take on some new adventure and spread your wings to immerse yourself in these incredible hobbies that we all enjoy so much. **JOIN THE SHOW COMMITTEE!!** You will be glad you did! You will help with the show, meet new people who love the hobbies as you do, and benefit yourself as well as the local earth science community. When you join the committee, there are people who will help you orient yourself and get started in whichever area you have selected to work. We don't expect you to do that on your own. There are also Operation Procedures to assist in learning show operations. So please think about it. Get involved! The show needs YOU! You can take the first step by contacting Show Chair Linda Burns or your club representative to the committee. The representatives are as follows: Colorado Mineral Society - Amber Brenzikofer 720-480-5234 or amberbrenzikofer@gmail.com; Flatirons Mineral Club - Gerry Naugle 303-591-2830 or gnaugle@earthlink.net; Friends of Mineralogy - Larry Havens 303-757-6577 (Cell 720-401-6543) or lwrnchavens@comcast.net; Denver Gem & Mineral Guild - Kathy Honda 303-315-7749 or katherine.honda@ucdenver.edu; Littleton Gem & Mineral Club - Lynette Warren 303-956-4634 or flywithle123@comcast.net; North Jeffco Gem & Mineral Club, Inc. - Ron Knoshaug 303-423-2923 or jrknoshaug@comcast.net; Mile Hi Rock and Mineral Society - Judy Knoshaug 303-423-2923 or jrknoshaug@comcast.net; Western Interior Paleontological Society - Nancy Kimber 303-470-6491 (Cell 303-807-8919) or nkk9960@hotmail.com.

Thank you for your consideration. We hope to see you at a future meeting.

*Respectfully submitted, Judy Knoshaug, Show Secretary*



## Rocky Mountain Federation News

The Rocky Mountain Federation of Mineralogical Societies (RMFMS) is made up of 78 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).



## 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>.

## CMS 2021 Membership Dues – Time to Renew

A membership form is located on the CMS website at [www.coloradomineralsociety.com](http://www.coloradomineralsociety.com) or in this newsletter.

### CMS Membership Dues:

Family: \$20 per year	Single: \$18 per year
Senior 65+ (single or family): \$15 per year	Junior (<12 years old): \$15 per year

CMS memberships run from January 1st to December 31st. Here are two ways to pay your dues:

1. Renew your 2021 membership or become a new member online at <https://fieldtrips.coloradomineralsociety.org/> and log in to your account or create a new account if you have not done so in the past.
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.

Membership cards will be mailed to you in about a month.

**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. If you ordered a name badge and have not received it, please contact [cmsmbrshipchair@gmail.com](mailto:cmsmbrshipchair@gmail.com).

# Colorado Mineral Society Board Meeting Minutes

## Tuesday, November 17, 2020 – Zoom Meeting

Meeting participants: Amber Brenzikofer, Mark Leatherman, Ben Geller, Mark Jacobson, Eva Siemonsma, Jon Papes, John Todesco

### Open Positions

- Field Trip Coordinator
- Donations Chair
- Technology Leader
- Annual Auction Chair
- Volunteer Coordinator – new position

### Items for Board Approval/Special Topics

Approval of October 20, 2020 Meeting Minutes

Remaining 2020 general meetings – online video conference calls

**December 4<sup>th</sup>** – officer elections, presentation (Mark Jacobson-Colorado Mineral ID), online trivia, mineral ID with pictures competition

2021 Office Election Ballot

- Amber spoke about the election ballot, 39 people have voted online as of 11/17 and 3 people who sent the form via email

Membership databases and reconciliation – Amber

- Amber had been working with Joey to created reports

CMS storage unit organization of donations for rock sale/raffle/give-away

- Amber, Eva, and Gary worked on building and organizing shelving
- Will set up a weekend to do the education materials

Donations spreadsheet update

- Amber sent Gary the spreadsheet and is working on it

Online auction/sales for higher-end specimen donations

- Amber looking into a site where we can auction higher end items
- Spoke about how to auction everything or sell the specimens

### Officer/Committee Reports

Education Update

- Mark L. spoke about educational kits (rock Id, etc...)
- Shared a couple of video clips of him doing rock/mineral ID YouTube clips

Membership - New members were read by Amber

Technology committee

- John looked at the Amazon Cloud services
- No upfront cost to the website, all costs are added in
- Will investigate further

Field Trip Committee Update

- Amber/Gary talked about a potential December/January meeting to discuss potential trips

Next CMS Board Meeting: December 15th, Conference Call

Call to Adjourn: 8:23PM

*Notes taken by Ben Geller, Secretary*



# Colorado Mineral Society Board Meeting Minutes

## Tuesday, December 15, 2020

Attendees via Zoom: Amber Brenzikofer, Ben Geller, Mark Jacobson, Loni Cole Eva Siemonsma (phone), Jon Papes, Debbie Kalscheur

### Open Positions

- Field Trip Coordinator- might try to set up field trip committee meeting in January with Amber and Gary
- Donations Chair
- Technology Leader
- Annual Auction Chair
- Volunteer Coordinator – new position

### Items for Board Approval/Special Topics

- Approval of November 17, 2020 Meeting Minutes
- Recap of December Virtual Meeting/Holiday Party
  - About 35 people total on the call (including couples)
  - Good feedback on the presentation, Mineral ID challenge, Trivia, Door Prizes
- Election of 2021 CMS Officers:  
President: Amber Brenzikofer                      Secretary: Ben Geller  
1st VP: Mark Jacobson                              Treasurer: Loni Cole  
2nd VP: Mark Leatherman
- 2021 general meetings – online video conference calls
  - January 1st meeting needs to be moved because of holiday, looked at other club's meeting dates
  - January 9th 6:30pm – Jon Betts, need to move meeting earlier because Jon is on east coast
  - Potential Speaker List – Mark Jacobson circulated to board
- Membership databases and reconciliation – Eva, Leslie, Loni, Amber
  - A discussion was held in order to understand the differences between member, spouse, and significant other, discussion spoke about RMFMS family membership definition
  - Spousal relationship including a significant other or partner we used in bylaws, need to change membership form
- CMS storage unit organization of donations for rock sale/raffle/give-away update - Amber
  - Organization complete for a recent large donation
  - Working on electrical outlets and more light into the unit
- Donations spreadsheet update - Amber
- Rock sale likely in the spring, a members only pre-sale is an idea that was proposed

### Officer/Committee Reports

- Education Update – Mark Leatherman
  - CMS received another donation for Education specimens, could use donations to make mineral kits for teachers, etc. Already putting together mineral ID kits for kids now (10 of them that could be out for loan)
- Treasury – Loni – RMFMS dues payment deadline, spoke about revenue coming in and expenses going out
- Membership –Amber, new members
- Raffle – Eva – Raffle dues spending deadline
  - Board approval for Amber to spend up to a \$110 dollars for education kit sample boxes
- Newsletter – deadline 12/30/2020
  - Will publish a December/January newsletter
- Technology committee – need to reconvene the Technology Committee
- Field Trip Committee Update – Amber, set up a preliminary field trip committee meeting in January

Next CMS Board Meeting: January 19th, Zoom Conference Call

Call to Adjourn: 8:31pm

*Notes taken by Ben Geller, Secretary*

## COLORADO MINERAL SOCIETY OFFICERS

2021

President: Amber Brenzikofer

First VP-Programs: Mark Jacobson

Second VP-Education: Mark Leatherman

Secretary: Ben Geller

Treasurer: Loni Cole

### **Appointed Board Members - Committee Chairpersons**

Annual Auction: **OPEN**

Door Prizes-Guests: Jonathan Papes

Library: Kevin Atwater

Display Chair: Chris Keilman

Membership: Leslie Osgood

Field Trip Leader: **OPEN**

Field Trip Leader Co-Chair: Nels Grevstad

Nominations: Debbie Kalscheur

Grab Bags Coordinator: Wendy Carley

Publications: Jimmy Betsill

Historian: Amber Brenzikofer

Jr Rockhound Coordinator: Mistyann Bateman

Jr Rockhound Assistants: Joanna Morsicato/Wendy Carley

Hospitality: Star Edwards

Donations: **OPEN**

Technology Leader: **OPEN**

Volunteer Chair: **OPEN**

Web Master: Julio Edwards

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

### **Representatives (Board Members)**

Denver Council Trustee: Debbie Kalscheur

Denver Show Rep: Amber Brenzikofer

**COLORADO MINERAL SOCIETY (CMS)** was founded in 1936 by a group of distinguished individuals within the mineralogical field. The organization was incorporated as a non-profit, educational organization in 1948. The Society is affiliated with the Rocky Mountain Federation of Mineralogical Societies and the American Federation of Mineralogical Societies, a founding member of each group.

**PURPOSE:** To promote the study of minerals and other geologic materials, to encourage mineral collecting as a hobby and to conduct public meetings, lectures, and field trips, and to engage in all activities which relate to said purposes of the organization.

**MEETINGS:** General membership meetings usually start at 7:30 PM on the first Friday of each month, October through May. During COVID, all meetings are held virtually online.

**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.

**MEMBERSHIP:** Open to all persons who agree to abide by Society rules and rules of the Federations. Annual fees are: \$20.00 for a Family living at the same household, \$18.00 for a Single Membership, \$15.00 for a Senior Membership (single or family over 65), and \$15.00 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 as a member of the Denver Greater Gem and Mineral Council and the original Denver Gem and Mineral Show; 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 or questions should be sent to Editor, P.O. Box 280755, Lakewood, Colorado 80228-0755; phone: 720.480.5234; or by email to:

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



# Colorado Mineral Society

P.O. Box 280755, Lakewood, CO 80228-0755

Is an educational organization to promote the study of minerals and other geologic material, to encourage mineral collection as a hobby and to conduct public meetings, lectures, and field trips.

Date: \_\_\_\_\_

## Application for Membership

Type of membership per year: ☐ **Family** \$20 ☐ **Single** \$18 ☐ **Senior\* Family** \$15 ☐ **Senior\* Single** \$15 ☐ **Junior\*** \$15

New ☐ Renewal ☐

\* age 65 or older

\* under 18

Member Name:	Birthday (mo/yr)	Name Badge \$7.50 ea optional NO / YES	Email Address and Cell phone: (used for club only)
Primary/Single/Jr:	____/____	____	_____
Profession (as it may be of help to the club)	_____	Cell phone: ____ (____) ____ - _____	_____
Significant Other:	____/____	NO / YES	_____
Profession (as it may be of help to the club)	_____	Cell phone: ____ (____) ____ - _____	_____
Child (under 18):	____/____	NO / YES	_____
Child (under 18):	____/____	NO / YES	_____
Child (under 18):	____/____	NO / YES	_____

Continue on back as necessary

Address: \_\_\_\_\_ (\_\_\_\_) \_\_\_\_ - \_\_\_\_\_ # Badges \_\_\_\_\_ x \$7.50 ea = \$ \_\_\_\_\_  
Home phone if different from above: \_\_\_\_\_ Dues \$ \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Newsletter Delivery ☐ EMail\* ☐ Mail \*Applies to all emails per membership  
Total \$ \_\_\_\_\_

Areas of Interest (check all that apply)

- |                                   |   |                                      |
|-----------------------------------|---|--------------------------------------|
| <input type="checkbox"/> Minerals | <input type="checkbox"/> Fossils            | <input type="checkbox"/> Specimens   |
| <input type="checkbox"/> Crystals | <input type="checkbox"/> Lapidary & Cutting | <input type="checkbox"/> Field Trips |
| <input type="checkbox"/> Other:   |   |                                      |

State briefly your reason for wanting to join the Colorado Mineral Society:

How did you hear about CMS?

Membership in the Colorado Mineral Society (CMS) shall be open to all persons who agree to abide by its rules and regulations. CMS is a non-profit, educational organization. Its success is based solely on active participation of its members. On what committee(s) or volunteer positions are you interested in learning more about? (check all that apply).

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Hospitality              | <input type="checkbox"/> Meeting Programs / Presentations | <input type="checkbox"/> Silent and Verbal Auction Volunteer   |
| <input type="checkbox"/> Greeter                  | <input type="checkbox"/> Field Trip Coordinator           | <input type="checkbox"/> Denver Gem and Mineral Show Committee |
| <input type="checkbox"/> New Member Welcome       | <input type="checkbox"/> Teaching Classes                 | <input type="checkbox"/> Denver Gem and Mineral Show Volunteer |
| <input type="checkbox"/> Membership Table         | <input type="checkbox"/> Junior Rockhound                 | <input type="checkbox"/> Display Committee                     |
| <input type="checkbox"/> Membership Computer Work | <input type="checkbox"/> Newsletter Articles              | <input type="checkbox"/> Social Media Coordinator              |

*I (we) agree to promote the objectives of the Society and to meet or surpass the requirements of the Society in regards to active membership. I (we) agree to abide by the rules of the COLORADO MINERAL SOCIETY, which have been or will be made and adopted as necessary for the well-being of the Society at meetings or on field trips and all other times. I also understand that failure to pay membership dues in a timely manner will result in non-renewal of membership.*

Signature: \_\_\_\_\_ Referred by: \_\_\_\_\_





Colorado Mineral Society  
PO Box 280755  
Lakewood, CO 80228

## **FIRST CLASS MAIL**

### Calendar of Events

**January 9, 2021, VIRTUAL CMS General Meeting**  
*STARTING* at 6:30pm

**February 5, 2021, VIRTUAL CMS General Meeting**

**March 5, 2021, VIRTUAL CMS General Meeting**

**April 2, 2021, VIRTUAL CMS General Meeting**

**May 7, 2021, VIRTUAL CMS General Meeting**



<http://www.coloradomineralsociety.org>