



Colorado Mineral Society

Mineral Minutes



Volume 78, Issue 3

March 2014

March Speaker Presentation Mount Antero - Minerals, History, and Geology

by Mark Jacobson

The speaker for the March 7th Colorado Mineral Society (CMS) meeting will be Mark Jacobson, who will discuss the history of mineral collecting on Mount Antero from 1882 to the present. A short abstract of the presentation is provided on Page 3.

Mark is author of *Antero Aquamarines* (1993), *Guidebook to the Pegmatites of Western Australia* (2007), and numerous other books and articles on mineralogy. Gloria Staebler will bring 25 copies of the *Antero Aquamarines* book to the March 7th CMS meeting that can be purchased by members for \$50 (cash, check, or credit card) and signed by Mark.

CMS members are encouraged to bring their special Mount Antero finds for display in the second CMS display case during the meeting!



Photo
Source:
Wikipedia

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President's Message

by Bruce G. Sales

Greetings to everyone; winter is not over yet, there is a lot of snow in the high country. I hope that everyone has stayed warm and dry. We have survived the cold of January and February, now we have to wait out the snow of March and April, but I assure you that collecting season is just around the corner.

I want to thank Leslie Osgood and everyone else who brought their carved animal figurines for the February meeting. At the March 7th CMS meeting, Paul and Cindy Hatfield are scheduled to continue displaying minerals from their collection. At the April 4th meeting, we will have "Something from Paul's case and Something from Bruce's case (maybe from his Jeep), most of which is from Colorado". This is a reminder that the May 2nd meeting is the field trip meeting, so there will no room for a display case.

The meeting on March 7th will follow the regular schedule. Mark Jacobson is the March speaker and will be discuss collecting minerals on Mt. Antero. I want to thank all of the members who help set up and tear down the hall on meeting days, so that we could seat everyone.

I also would like to ask for a volunteer or volunteers to take over the duties of grab bag chairman, Dale Block, who is retiring from that post and wants to train his replacement(s). CMS has an obligation to provide 500 grab bags per year that are sold at the Denver Show to raise money. If you are interested in this position please contact myself or any member of the CMS board. In addition, if you have purchased the grab bags at the show in the past and want to recycle the cloth bags, please bring them to the monthly meeting or contact Leslie Osgood so they can be reused.

This is a reminder that membership dues are due for 2014. April 11th is the payment cut-off for getting your name in the membership directory and to receive a CMS Field Trip Guide at the May meeting. See Page 10 for details on how to make membership payments.

COLORADO MINERAL SOCIETY OFFICERS 2014

President: Bruce G. Sales
First VP-Programs: Gary Rowe
Second VP-Education: Debbie Kalscheur
Secretary: Sandra Gonzales
Treasurer: Eva Siemonsma

Appointed Board Members - Committee Chairpersons

Annual Auction: Richard Nelson Family
Door Prizes-Guests: Jessica Blackburn and Donna Roberts
Backup Door Prizes-Guests: **OPEN**
Library: Kevin Atwater
Exhibits Committee: Harold Taylor, Leslie Sebol, Dan Wray
Membership: Cara Reynolds
Field Trip Leader: Gary Rowe
Nominations: Daryl Lamb
Grab Bags: **OPEN**
Editor: Amber Brenzikofer
Historian: Amber Brenzikofer
Youth Activities: Lewis Reynolds
Hospitality: Star Edwards
Donations: Debbie Kalscheur
Web Master: Julio Edwards
coloradomineralsociety@comcast.net



Representatives (Board Members)

Denver Council Rep: Daryl Lamb 303-993-6685
Denver Show Rep: Bill Jones 303-503-6798

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

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

MEETINGS: General membership meetings start at 7:30 PM on the first Friday of each month, October through May, at St. Paul's Episcopal Church, at 10th and Garrison in Lakewood, CO. Displays are set up by members about one-half hour before meetings. Specimens may be available for sale and trade. **VISITORS** and **GUESTS** are welcome.

BOARD MEETINGS: The board members meet once a month to complete the executive business and affairs of the Society. Meetings will start at 7:00 PM usually the third Tuesday of each month. Additional meeting times, if necessary, may be called by the President or any three members of the board and will be announced at the general or board meetings.

MEMBERSHIP: Open to all persons who agree to abide by Society rules and rules of the Federations. Annual fees: \$16.00 for a Family or Newsletter Membership, \$14.00 for a Single Membership, \$12.00 for a Senior Membership (single or family over 65), and \$12.00 for junior members under the age of 18 who are not included in a family. Name badges are available for a one-time fee of \$5.00.

ANNUAL EVENTS: Yearly activities include a silent auction of minerals, fossils, gems, jewelry, equipment and other items related to our interests; participation in the Colorado Contin-tail, the largest mineral swap show in Colorado; participation as a member of the Greater Denver Area Gem and Mineral Council in sponsoring the largest gem and mineral show in Colorado; and the Founder's Day dinner.

FIELD TRIPS: The Society sponsors several field trips from Spring through Fall for the purpose of collecting minerals, crystals, and fossils. These trips are one-day, two-day, and occasionally several-day adventures. A field trip guide is published each year in May.

NEWSLETTER GUIDELINES: CMS has a proud history of promoting the education and pure enjoyment of the mineralogical world. At the very heart of its existence are the many volunteers and contributors who spend their time and efforts in direct support of the club's mission. The CMS official newsletter **MINERAL MINUTES** is published monthly during the active meeting season (October through May) and a summer edition, and is the primary way the club's activities and mission are communicated to its members and prospective members. On that basis, the Board of Directors would like to offer the following content guidelines for CMS newsletter contributions:

- Formal announcements concerning club business and/or membership
- Information around mineral-related education opportunities or fundraising activities
- Stories or history that concentrate on the edifying aspects of mineral collection and education
- Sharing of personal mineral-related experience from field trips or other related adventures serving an educational purpose
- Announcements of volunteer/leadership opportunities for the club or club representation
- Worthy news events or discoveries related to mineralogy or geology that align to club's core interests
- Appropriate announcements regarding mineral shows, one-time mineral related events, mineral auctions, sale of private collections and/or equipment, etc.
- Information around relevant donations and/or gifts made available to the club or club members

Please note that the editor may correct spelling, syntax, or content to conserve space and is also entitled to bring contributions in compliance with newsletter guidelines

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Deadline for publication is the 24th of the month prior to publication. Correspondence to Mineral Minutes should be sent to Editor, P.O. Box 280755, Lakewood, Colorado 80228-0755 or by email to:

editor.coloradomineralsociety@gmail.com.

Mount Antero, Chaffee County, Colorado Locality: Minerals, History, and Geology

by Mark I. Jacobson

The aquamarines from Mount Antero were first introduced to the mineralogical community by "Nels" Nelson Daniel Wanemaker via a letter from Roselle T. Cross to George F. Kunz in 1885, although J. Alden Smith, Colorado State Geologist had been shown aquamarines from Mount Antero in 1882. The discovery of aquamarine was soon followed by the recognition of phenakite, bertrandite, fluorite and topaz from the Mount Antero and Mount White areas. During the early years, from 1885 to 1893, Wanemaker sold specimens to all the leading mineralogists and collectors in the USA. These minerals were found in miarolitic pegmatites, hydrothermal veins and greisens associated with the upper portions of the Mount Antero Granite, especially within the leucocratic variant of the Peraluminous Mount Antero Granite.

After Wanemaker had moved on to other ventures, several other miners tried their hand on Mount Antero with only James D. Endicott from Canon City documenting his success. Ed Over from 1928 to 1949, especially in association with Arthur Montgomery, contributed numerous specimens to leading museums and private collectors. With the rise in price of beryllium and its subsidy by the U. S. Federal government in 1952, John King of Salida, Colorado and Grady Cardwell of Texas both saw opportunity on Mount Antero for mining beryl and producing aquamarine gemstones as a by-product. This led to the first dirt road up Mount Antero and Mount White in 1956 and the reopening in 1960 of the California molybdenite mine adit.

By 1962, all the business entities on Mount Antero had gone bankrupt and the claims had lapsed. Mining the Mount Antero granites for disseminated beryl had been an economic failure. In May 1969, Grady Cardwell formed a new company, North American Beryllium Corporation (NABC), reclaiming the entire south knob of Mount Antero. NABC focused on trying to mine beryllium ore not gemstones. NABC was not concerned with nor did it seriously interfere with hand digging for mineral specimens by others.

With the road open to collectors, numerous discoveries of gem pockets were made across Mount Antero and Mount White by many collectors from 1970 through the 1990s. Collectors such as Chuck Barnes, Eldon Bright, Bill Chirside, Bob and Doris Drisgill, Jim Grika, Pete McCrery, John Melby, "Rosy" Horace O'Donnell, Curtis Abbott, Cliff Nicholson, Andrew Taylor, George Fisher and George Robertson made notable discoveries, only some of them from the south knob.

The situation changed radically in 2001 when the Cardwell family decided to focus on mining aquamarine gemstones. Accordingly, under the active supervision of fourth generation Craig Cardwell, mineral collecting on the south knob of Mount Antero was restricted. In 2008, these claims were still legally valid. This forced a younger generation of collectors to move their collecting activities to areas that have not been prospected since 1956, when the first road up the mountain was opened. Steve Brancato after 2001 recovered the finest matrix aquamarine specimens ever known, as well as topaz and smoky quartz. Jeff Self and associates recovered large quantities of smoky quartz and associated minerals. Bryan Lees' sublease on the Cardwell claims resulted in the 2005 discovery of the finest helvite crystals known from the locality. The 2000-2007 prospecting activity has been more intensive and surprisingly more successful than ever before, proving the locality is far from barren. This activity has not been without cost and strife involving claim holders, casual collectors, environmental activists and US government employees.

The launching of the Weather Channel's *Prospector* show in the first part of 2013, which was filmed during the summer of 2012, was a great success for the media company, "High Noon Entertainment." The participants for this "let's pretend reality" show greatly enjoyed the publicity, which during the filming in the summer of 2013 brought them new difficulties from the state and federal environmental regulators. For mineral collectors, the show created un-wanted attention, uncertainty and conflicts with "wannabe" treasure hunters. A mineral claiming frenzy was the result, blanketing the area with claims of unknown, uncertain and erroneous validity.

CLUB NEWS

Request for Newsletter Articles

Have you taken a rock-related trip and have some great photos to share? Have you done research on a mineral or gem that would be interesting to others? Do you have some techniques on how to clean, repair, and shape specimens? I am looking for articles for this newsletter to provide educational and informative material to CMS members. In addition, if you have any article ideas that I can help you research and provide photos, or if you have read an article that would get readers' attention, please let me know. Contact me at editor.coloradomineralsociety@gmail.com. I would appreciate the assistance to make this an interesting newsletter. Thanks!

Amber Brenzikofer, Editor

Colorado Science and Engineering Fair

CMS continues its support of up and coming young Colorado scientists and engineers at the 59th annual Colorado Science and Engineering Fair to be held **April 10 – 12, 2014** at Colorado State University. CMS gives awards through the Special Awards Program to the best student projects that relate to our club's mineral interests. CMS is the only organization that has participated in the Fair from its beginning 59 years ago.

We are looking for a few addition club members to help with the judging on Thursday, April 10th. CMS has three judges so far including Bruce Geller, Craig Hazelton, and Jerry Kiefer. The requirements for judging are that you have an interest in seeing the projects these kids have done and deciding which ones you like the best. Contact Craig Hazelton if you are interested in volunteering.

A special thanks to Jerry Kiefer for directing this important project for many years, and thanks also to Ray Horton who faithfully helped with judging for over 18 years. I will be the director of this program for CMS for the first time this year.

Visit <http://www.csef.colostate.edu/> to find out more about the fair.

Submitted by Craig Hazelton, Director

New CMS Members

First Listing

- Roger Brown and Christy Olberding
- Bill and Marchelle Carlton
- Authur Cook
- Jason Greenemeier
- Perry and Kathy Midgett
- Peter Modreski and Jane Dianich
- Will Nelson
- Phillip Spry
- Laura Wary and Bob Lamarre

Second Listing

- Ronald Crandall
- Phil Kummer and Jane Haddock
- Gideon and Cindy Briethaupt
- Jeannie and Gerald Handley
- Ken and Mary Needham
- Leslie and Gene Pinson Family
- Laura Wray and Bob Lamarre

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

The History of Colorado Mineral Society

Founded September 24, 1936

In 1959, the newly appointed historian, Harvey C. Markman, compiled a history of CMS's first 22 years of history. He used previous history compiled by Richard M. Pearl, one of the founders of CMS. Muriel Colburn, the next historian, took up the task to complete the book. Finally in 1961, the history book was published. The *History of Colorado Mineral Society* book has been scanned and will be available on the CMS website for everyone to enjoy at: www.coloradomineralsociety.org.

Colorado Mineral Society's Junior Rockhounds Program

By Lewis Reynolds, Coordinator

Topic: An Evening with CMS Member Sherman Marsh

Overview: Our club members have a wealth of experience collecting minerals, rocks, and fossils. Tonight the Junior Rockhounds have the privilege of learning about Mr. Marsh's adventures in mineral collecting beginning in his teenage years, continuing through 30 years as a geologist with the United States Geological Survey, and now as a mineral dealer. What is his favorite mineral?

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, so a sign-up sheet will be used to help organize the remaining meetings on the 2013-2014 CMS calendar. 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 *Reaching Across Generations* 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 *Reaching Across Generations* badge is discussed on pages 205-214 of the manual.

Parents or guardians: please print the sign-off sheet on page 206 and check-off, sign, and date each accomplishment as it is completed. Submit the completed form to Lewis Reynolds to process the badge award.

February 7th Raffle News

February's tickets sold amounted to \$133, with the retail value of \$75. Your continued support of this endeavor allows the proceeds to be spent on CMS education, the purchase of library materials, and the state science fair awards. The polished chalcedony (\$40) donated by **Marcus Lieberman**, was won by a very happy *Susan Duncanson*. *Jason Greenemeier's* ticket was drawn for the quartz, pyrite, shalerite specimen (\$34) and was donated by **Richard Owens**. The malachite specimen from Arizona (\$19) donated by **Marcus Lieberman** was won by *Jennifer Knies*. *Gary Rowe* was all smiles when he won the seraphinite slab from Russia (\$18) donated by **David Geiger**. *Sabra Hoerter*, claimed the quartz specimen (\$14) donated by **John Shepic**. Last but not least, *Marchelle Carlton's* ticket won the black onyx necklace and earrings (\$8) that was **anonymously** donated.

Thank you to those who donated these great specimens, it is fun to see the happy smiles when their number is called to be a winner!!!

Thanks Cara Reynolds and Amber Brenzikofer for helping with the raffle.

Congratulations to all our lucky winners.

Submitted by Eva Siemonsma, CMS Raffle Manager

Richard Owens

John Shepic

Marcus Lieberman

David Geiger
2012 Crystals

510-295-7156

Geigerminerals@yahoo.com

Geigerminerals.com

Crystals • Minerals • Workshops • Shamanic Practitioner

CMS AUCTION NEWS

"May 3, 2014"

It's getting closer!

The Colorado Mineral Society (CMS) will have its annual silent auction of mineral hobby items on May 3th at the Holy Shepherd Lutheran Church located at 920 Kipling, 3 blocks north of 6th Avenue in Lakewood, from 11:00 A.M. to 3:00 P.M. Admission is free. 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 1:00 P.M. 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 contacting Leslie Osgood. Sellers can get extra copies of bidding slips in April's CMS newsletter, or on our club website <http://www.coloradomineralsociety.org/>. Our auction committee reserves the right to screen materials sold and to limit sales to three flats of material."

Mark your Calendar and find a good specimen for the Auction, or buy one there.

Have a great day!

Rich Nelson

WE NEED YOU TO VOLUNTEER FOR THE AUCTION DAY

May 03, 2014

Please help us run our auction on the auction day,
We'd love to have you there.
This is the only fundraiser we have for the CMS.

We need all the help we can get.

Like:

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



Please make sure you sign the volunteer sheet at any of our meetings or phone me (Rich).
Whether you can help for an hour or the whole auction,
We need all the help and FUN we can get.

Do you have any questions about Volunteering?
Please contact Rich Nelson.

OTHER NEWS

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.



The March 2014 issue has an invitation, exhibitor information, and registration forms to the combined American Federation (AFMS)/Rocky Mountain Federation (RMFMS) Show and Convention in Tulsa, Oklahoma from July 9-13, 2014. The Tulsa Rock & Mineral Society, in conjunction with RMFMS, has been working hard to provide an excellent show complete with dealers, exhibits, kid's activities, programs, silent auction, field trips, and more. This is a wonderful opportunity to visit with fellow rockhounds from around the Rocky Mountain region and the whole United States.

All current CMS members are also members of the RMFMS and are encouraged to attend the Tulsa show!

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>



The March 2014 issue contains informative articles and news items including conservation and legislation issues and what AFMS does for the seven regional federations.

Sad News

As reported by the Denver Gem and Mineral Guild and Littleton Gem and Mineral Club, Chris Hayward, son of Bill Hayward, passed away last week from cancer. The Hayward's were the owners of the Rainbow Claim at Red Feather Lakes where we collected amethyst and quartz last summer and many summers in the past. More info to follow.

53rd Annual Fort Collins Rockhounds Gem & Mineral Show

March 2014

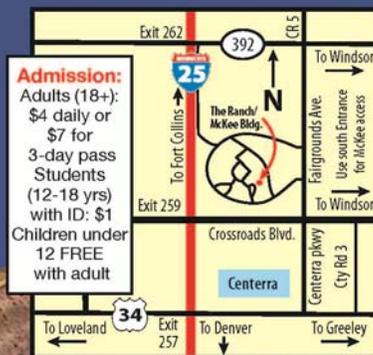
Fri. Mar. 28 4pm-8pm
Sat. Mar. 29 9am-6pm
Sun. Mar. 30 10am-5pm

Featuring
Feldspar & Petrified Wood

Details at
www.fortcollinsrockhounds.org
Show Chairman: 970.493.6168
(No dealer space available)
showchairman@fortcollinsrockhounds.org

Thomas M. McKee 4-H, Youth & Community Building, Larimer County Fairgrounds

FREE PARKING!



North Jeffco Gem & Mineral Club Silent Auction

Friday, April 11th, 2014
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

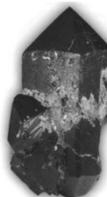
Checkout Begins Immediately After Auction
No Early Checkout
Free Parking, Free Admission

♦ 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

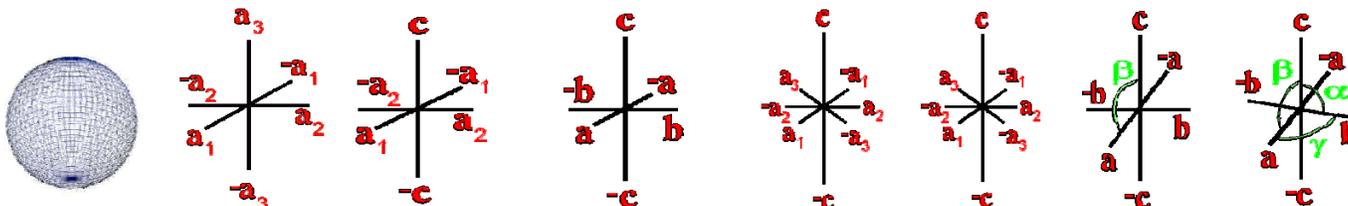
For more info call Bill Jones 303-503-6288
Or email sidewindermin@comcast.net

Crystallography 101

by Bruce G. Sales

All minerals fall within one of the crystal systems depicted below. This month we will examine some of the properties of the Monoclinic System.

[Amorphous](#) [Isometric](#) [Tetragonal](#) [Orthorhombic](#) [Hexagonal](#) [Trigonal](#) [Monoclinic](#) [Triclinic](#)



(1)

THE MONOCLINIC SYSTEM

In the monoclinic system the crystal forms are referred to three crystallographic axes of unequal lengths. The axes a and b , and b and c , make 90° angles with each other, but a and c make some oblique angle with each other. The relative lengths of the axes and the angle between the a and c axes vary for each monoclinic mineral and must be each other is designated as β . Figure 264 represents the crystallographic axes of the monoclinic mineral orthoclase, the axial constants of which are expressed as $a:b:c = 0.658:1:0.555$; $\beta = 116^\circ 03'$. In any monoclinic crystal the positions of the b axis and of the plane in which the a and c axes lie are fixed by the symmetry (see Figures 265 and 266 below). (2)

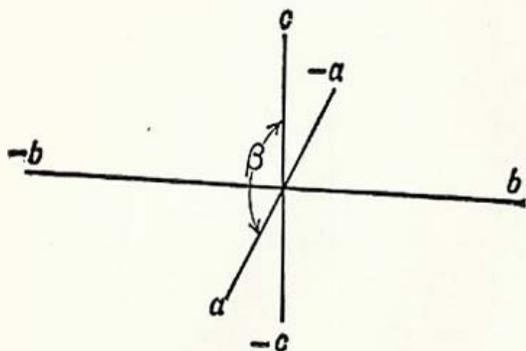


Fig. 264. Monoclinic Crystal Axes.

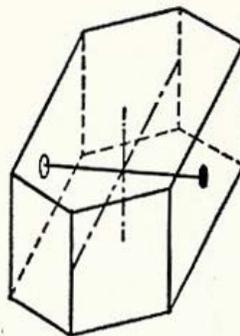


Fig. 265. Symmetry Axis.

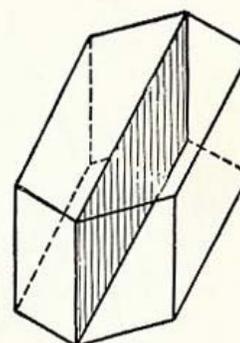


Fig. 266. Symmetry Plane.

Symmetry of Monoclinic System.

(1)

The majority of the minerals in the monoclinic system fall in the Prismatic Class of the Monoclinic System. This class has symmetry that is expressed as; a center of symmetry, one 2-fold axis and a plane of symmetry. The b crystallographic axis is an axis of 2-fold symmetry, and the a - c plane of the crystallographic axes is a symmetry plane. With a 2-fold axis at right angles to a symmetry plane, there must also be a center of symmetry. The Prismatic Class expresses many crystal forms, the most common being a combination of pinacoids and prisms. Characteristic combinations of forms found in the Prismatic Class are shown in Figures 278- 285 below. (2)

CMS Membership Reminders

A friendly reminder that your annual membership dues are due for 2014. **April 11, 2014 is the membership renewal cut-off to get your name in the membership directory and to get a Field Trip Guide at the May meeting.** You can pay your dues in two 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.



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.

Remember you can receive color electronic and/or black and white hardcopies of Mineral Minutes. However, CMS is trying to be "green" and cut back on paper copies, so please indicate if it is OK to send you an electronic copy only of the newsletter. Also, make sure to give us your updated email address and street address so you can continue to get the newsletter and other important CMS updates.

CMS General Meeting Notes for February 7, 2014

Meeting called to order at 7:30 pm

1. Bruce Sales welcomed the visitors and members.
2. Richard Cook presented "Photographing Minerals".
3. Kids were called to the children's program and a call for additional parents was made and need filled.
4. Bruce presented Lori Lamb an appreciation certificate for her past dedication to the junior program.
5. Adult Door Prizes were drawn. The winners were:

Cheryl Harrison	Bruce Geller
Robert Cook	Jesse Deollos
Cara Reynolds	Dave O/Boyle
Lesley Sebol	Terry Beh
Susan Duncanson	
6. Bruce called for Open Announcements
 - Gary Rowe announced that we still need an auctioneer for the May verbal auction. He also announced that a field trip meeting has been held with the volunteer coordinators. If any members have ideas for a field trip or want to lead a field trip, let Gary know.
 - Craig Hazelton announced he is the new Science Fair Coordinator, which will be held April 10, 2014. He is looking for volunteers to help judge.
 - Cara Reynolds read the list of and introduced the new CSM members that were in attendance.
 - Amber Brenzikofer made a requested for newsletter articles
7. Bruce presented a brief Crystallography 101 lesson that was included in the February newsletter.
8. Raffle winners were then drawn (Eva recorded the winners).

Meeting concluded.

Notes Taken by Amber Brenzikofer

CMS Board Meeting Notes for February 18, 2014

Attendees: Bruce Sales, Gary Rowe, Eva Siemonsma, Cara Reynolds, Leslie Osgood, Amber Brenzikofer, and Bill Jones

Meeting call to order by Bruce Sales, President

Old Business:

1. Bruce Sales stated the new display committee has met to discuss all the events for 2014.
2. Bruce will recognize a new life member at the next CMS meeting.
3. Re-wording of the By-Laws has been tabled for the next board meeting.
4. We are still in need of a new grab bag volunteer- Dale Block has been the Grab Bag Chairman for many years and wants to step down and train a new volunteer to take over. If you are interested in volunteering for this position, contact Bruce Sales. We need 100 bags, so if you have bought them at past shows and want to donate them back, please bring them to the CMS meeting or give to Leslie Osgood.

New Business:

1. Treasurer's report from Eva Siemonsma:
 - She filed Form 990-N Notice for Tax-Exempt Organization.
 - She is researching director and board insurance.
 - She asked for ideas for educational opportunities, which were discussed.
 - Craig Hazelton has asked to substitute "Colorado in Stone" book for the 2014 Science Fair awards. Board approved.
2. Amber Brenzikofer asked the Board if it was acceptable to put the CMS History book on the CMS website, which had recently been scanned into electronic form. Board approved.
3. Cara Reynolds reported that CMS currently has 245 members and 24 life members. Only half of the regular members have renewed their membership for 2014. Membership cut-off will be April 11, 2014 to be included in the membership directory and to get a field trip guide at the May meeting.
4. Gary Rowe reported that a meeting with volunteer field trip coordinators was held earlier this month. We also still need a verbal auctioneer for the May auction
5. There will be one case available at the March meeting for members to bring their best aquamarine specimens. The Hatfield's will have the other case for their specimens.
6. Bill Jones gave an update on the Denver Show Committee.
7. Eva reported that Daryl and Lori Lamb donated door prize specimens.
8. Meeting adjourned.

Next CMS Board meeting is March 18, 2014.

Notes Taken by Amber Brenzikofer

Looking ahead to coming months:

- Mar. 28-30, Fort Collins Gem and Mineral Show** (Larimer County Fair Grounds, Loveland)
Apr. 10, Flatirons Mineral Club Annual Silent Auction (West Boulder Senior Center)
Apr. 11, North Jeffco Gem and Mineral Club Silent Auction (6842 Wadsworth Blvd, Arvada)
Apr 18-20, Colorado Mineral & Fossil Show (Ramada Plaza-Denver Central)
May 3, Colorado Mineral Society Silent Auction, Holy Shepherd Lutheran Church, 920 Kipling St., Lakewood CO
May 10, FM Colorado Chapter, Silent Auction, Clements Community Center, 1580 Yarrow St., Lakewood CO
June 6-8, Pikes Peak Gem and Mineral Show (Western Museum of Mining & Industry)
Aug. 7-10, Contin-Tail Rock Show, Buena Vista Rodeo Grounds
Aug. 15-17, Lake George Gem and Mineral Show, Lake George, CO
Sep. 7-14, Colorado Mineral & Fossil Show, Ramada Plaza Hotel (formerly Holiday Inn), Denver
Sep. 12-14, Denver Gem and Mineral Show, Denver Mart (formerly the Denver Merchandise Mart)



Colorado Mineral Society
PO Box 280755
Lakewood, CO 80228

FIRST CLASS MAIL



Upcoming Meetings

Regular CMS Meeting - March

Date: March 7, 2014 Time: 7:30pm

Place: St. Paul's Church, Lakewood

Regular CMS Meeting - April

Date: April 4, 2014 Time: 7:30pm

Place: St. Paul's Church, Lakewood

If the Metro Denver area declares the roads on accident alert during a snowfall on meeting night, consider the CMS general meeting canceled.