



THE BULLETIN OF THE COLORADO SPRINGS MINERALOGICAL SOCIETY Published Since 1960

Colorado Springs
Mineralogical Society
Founded in 1936
Lazard Cahn
Honorary President
February 2019
PICK & PACK
Vol 59 Number 1

CSMS General Assembly

Thursday, February 21, 7:00 PM

Speaker: Jonathan Hair

Topic: *The Story of the Pikes Peak Pebble Pups*

Please note: Members whose names begin with M-Z are responsible for refreshments in February

****In case of inclement weather please call****

Mt. Carmel Veteran's Service Center 719 309-4714

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FEBRUARY PROGRAM

Teen CSMS member and assistant Pebble Pup leader Jonathan Hair will present a special program on the Pebble Pup program for the CSMS general assembly meeting on February 21 at 7:00pm, located at the Mount Carmel Center. Jonathan will explain how the Pebble Pups have attained national recognition through entertaining stories, photographs, and facts that are almost impossible to believe. Jonathan is traveling to Manhattan, Kansas in March to present a paper on the Pebble Pups and teen Earth Science Scholars at the Geological Society of America (GSA). The GSA is the scholarly society for the Earth Sciences. This engaging program is one you will long remember. Don't miss it.



Jonathan Hair is 15 years old, and lives in Colorado Springs with his brother, Joshua; and his parents Bernadette and Michael. He is in the 10th grade at College Pathways at The Classical Academy. His interests are geology, history, astronomy, tennis, biking, architecture, and technology. Jon is part of the Pikes Peak Pebble Pup and Earth Science Scholars. He is a junior member of the Colorado Springs Mineralogical Society and a member of the Colorado Scientific Society.

CSMS Calendar

February & March 2019

- Thu. **Feb 7, Mar 7** — **Board Meeting** 7p.m., Pikes Peak United Methodist Church
- Tue. **Feb 5, Mar 5** — **Fossil Group** 7p.m., Methodist Church, Jerry Suchan, 303 648-3410
- Thu. **Feb 21, Mar 21** — **Pebble Pups & Jrs** 5:30p.m., Mt. Carmel Ctr., Steve Veatch, 719 748-5010
- Thu. **Feb 21, Mar 21** — **General Assembly** 7p.m., Mt. Carmel Center
- Thu. **Feb 28, Mar 28** — **Crystal Group** 7p.m., Mt Carmel Ctr. Kevin Witte, 719 638-7919
- Thu. **Feb 28, Mar 28** — **Faceting Group** 7p.m., at the Medina home John Massie, 719 338-4276
- Appointment Only — **Jewelry Group**, Bill Arnson, 719 337-8070

For more information on any of the sub-groups, meetings, and other CSMS valuable information, go to our website, csms1936.com

Upcoming Events of Interest to CSMS Members

Submitted by Pete Modreski

Calendar of Coming Events

Unless as noted, all of these societies' and institutions' lecture series are free and open to the public:

Colorado Beer Talks (2nd Tuesday, 6-8 p.m.) Windy Saddle Café, 1110 Washington Avenue, Golden, "Golden's grassroots version of TED talks. Expand your mind with a beer in your hand."

<http://goldenbeertalks.org/>

Colorado Café Scientifique in Denver Monthly lectures on science topics held either at Blake Street Station or Brooklyn's Denver. Open to the public, no charge other than refreshments you may choose to purchase. See <http://cafescicolorado.org/>

Colorado Scientific Society (3rd Thursday, 7 p.m.) Meets at Shepherd of the Hills Church, 11500 W. 20th Ave. Lakewood CO, except when noted. See <http://coloscisoc.org/>

CU Geological Science Colloquium (Wednesdays, 4 p.m.) See <http://www.colorado.edu/geologicalsciences/colloquium>

CSU Dept. of Geoscience Seminars (Fridays, 4 p.m.) See <https://warnercnr.colostate.edu/geosciences/geosciences-seminar-series/>

Van Tuyl Lecture Series, Colorado School of Mines (Thursdays, 4 p.m.) See <https://geology.mines.edu/events-calendar/lectures/>

(CONTINUED FROM PAGE 2)

Denver Mining Club (Mondays, 11:30) See <http://www.denverminingclub.org/>

Denver Museum of Nature and Science, Earth Science Colloquium series 3:00-4:00 p.m., VIP Room unless noted, day of the week varies. Museum admission is not required; see <http://www.dmns.org/science/research/earth-sciences/>

Denver Region Exploration Geologists Society (DREGS) 1st Monday, 7 p.m. See <http://www.dregs.org/index.html>

Florissant Scientific Society (FSS) Meets monthly in various Front Range locations for a lecture or field trip; meeting locations vary, normally on Sundays at noon. All interested persons are welcome to attend the meetings and trips; see <http://www.fss-co.org/> for details and schedules.

Friends of Mineralogy: Colorado Chapter Meets bimonthly (Jan.-Mar.-May-Sep.-Nov.), 2nd Thurs. [dates may vary in Sep. and Nov.] 7:30 p.m., Lakeview Event Center, 7864 W. Jewell Ave., Lakeview; see <https://friendsofmineralogycolorado.org>

Nerd Nite Denver is a theater-style evening featuring usually 3 short (20-minute) TED-style talks on science or related topics; held more-or-less monthly at the Oriental Theater, 4355 W 44th Ave, Denver; drinks are available. Ages 18 and up. Admission is \$8 online in advance, \$10 at the door. See <https://nerdnitedenver.com>

Rocky Mountain Map Society (RMMS) Denver Public Library, Gates Room, 3rd Tuesday, 5:30 p.m. <http://rmmaps.org/>

Western Interior Paleontological Society (WIPS) Meets on the 1st Monday of the month, 7 p.m., at Lowry Conference Center, 1061 Akron Way in Denver. See <http://westernpaleo.org/>

2019 COLORADO SPRINGS MINERALOGICAL SOCIETY UNDERGRADUATE STUDENT RESEARCH GRANTS

Committee Chair: Dr. Michael Nelson csrockguy@yahoo.com

The primary goal of the Colorado Springs Mineralogical Society (CSMS) Student Research Grant Program is to promote and support original research on Colorado geology by **undergraduate students**. The grant program does not seek to cover all of the researcher's expenses but instead should be viewed as a professional endorsement of the research endeavor. Requests for grants are judged on how well the proposed research will advance the science of geology and its related branches **within the State of Colorado**. Since the grant program budget is not anticipated to be large enough to fund every research proposal, the grants will be awarded on a competitive basis. The policy for applying for and awarding grants is outlined on the next page.

ELIGIBILITY

Undergraduate students who are undertaking **original research projects on Colorado geology** are eligible to apply for CSMS research grants. CSMS research grant applicants need not be members of the Colorado Springs Mineralogical Society. Undergraduate students must be currently enrolled in degree-granting institutions and their research must be part of a degree program (an academic course granting credit and a grade). Institutions may not request that overhead costs be added to budgets. **The Colorado Springs Mineralogical Society strongly encourages women, minorities, and people with disabilities to participate fully in this research grant program.** The research proposals will be evaluated on the basis of the feasibility and scientific merit of the project, the abilities of the researcher, and the reasonableness of the budget. Students are eligible for only one CSMS Student Research Grant per degree pursued.

RESEARCH GRANT GUIDELINES

Individual grants will be awarded based on merit and number of grant applications received. One confidential letter of recommendation from the student's research advisor is required for each grant applicant. This letter should be sent directly to the Committee Chair via Email (csrockguy@yahoo.com) to preserve confidentiality.

Due to different schedules at different institutions, research should be scheduled to begin within 4 months of the grant award (anticipated by early May). For 2019, CSMS anticipates that research will begin during summer 2019.

CSMS RESEARCH GRANT FUNDS RULES

Grants are to be used for expenses directly associated with the research proposed. For example, research funds may be used for field expenses

(travel, some meals, lodging), materials and supplies (sample bags, base maps, air photos, film and developing costs, etc.). CSMS will not fund research by undergraduate students that relates directly to a thesis or dissertation by a graduate student. Travel to professional meetings will **NOT** be funded. Funds requested for equipment, computer time and software, thin-sections, chemical and isotopic analyses, and the purchase of services must be fully justified. Research grants may not be used for salaries or tuition. Upon completion of the research, equipment and materials purchased with a CSMS research grant become the property of the department in which the student is enrolled and are expected to be available to help additional students with their research.

RESPONSIBILITIES OF RECIPIENTS

Grant recipients are encouraged to present their results at professional meetings as well as to publish them. In both cases, support by the CSMS should be acknowledged. Recipients who cannot undertake or complete their project must return any unused funds along with a written explanation of expenses incurred. Grants may be subject to tax by the IRS and the grant recipient is responsible for determining this point.

Within one year of receiving their grant, all CSMS research grant recipients are expected to submit a written article documenting results of their research; however, a more formal report such as a senior thesis may be submitted. The committee chair will abstract the report and submit such for publication in the CSMS Pick & Pack. At any rate, recipients should keep in contact with the Committee Chair and provide periodic progress reports.

APPLICATIONS

A research grant application follows on the next page. The Research Grant Committee of the CSMS will review each application. The decisions of this committee are final.

Student Research Grant Program Application

Please follow the format below and submit a signed application postmarked (email attachment) by the **APRIL 1, 2019 DEADLINE**...Please note the two ***CRITICAL AREAS*** below that often distinguish the application!

1. Name of Applicant:

Temporary Address:

Permanent Address:

E-mail:

Telephone numbers and hours that are best to reach you:

2. College/University enrolled:

Expected degree completion date:

Project supervisor and address:

Email:

3. Project title:

4. Statement of problem. Please include in your statement how this work will further our understanding of Colorado Geology. ***CRITICAL AREA***

5. Concisely state how you plan to accomplish your investigation. ***CRITICAL AREA***

6. Give a brief bibliography of the most important papers related to your proposed research (no more than five).

7. Duration of investigation (dates):

8. Budget:

9. Budget justification:

10. Other support for this project, both applied for and received. For support applied for, include dates you expect to know outcome:

11. Sign (electronic signature is valid) and date the submittal:

Signature

Date

Please send completed application, via Email attachment to: csrockguy@yahoo.com

LOCAL HISTORY

A look back

COURTESY OF PIKES PEAK LIBRARY DISTRICT



STEWARTS COMMERCIAL PHOTOGRAPH COLLECTION, COURTESY OF PIKES PEAK LIBRARY DISTRICT, 013-5255

Clarence Coil poses in a snowy field in this 1927 photograph. Photo identified on back as "Clarence Coil, Co-founder of Club with Schaefer and Fowler. Age 22." In his younger years, Coil was an avid skier, says a biography posted online by the Mineralogical Record Biographical Archive. The club referred to in the note on the photo was the Silver Spruce Ski Club. Coil became a longtime member and president of the Colorado Springs Mineralogical Society and was hailed as "one of Colorado's most prominent and successful field collectors."

"A look back" (2019, January 3) *Colorado Springs Gazette*. Retrieved from https://gazette.com/news/a-look-back/image_e98aab74-b22f-57d4-8910-c5b053dad85e.html

PEBBLE PUPS CORNER



CSMS Pebble Pups & Junior Group

The Junior Group & Pebble Pups meet at the Senior Center every third Thursday at 5:30 PM until 6:15 PM or so. We only meet during the academic year, and we include January. So, it is Sept through May.

Special announcements and field trips are noted on our blog:

<http://pebblepups.blogspot.com>

and through the CSMS website:

<http://www.csms1936.com>

PEBBLE PUP AND EARTH SCIENCE SCHOLARS FIRST FIELD TRIP 2019

Rainbow Falls Winter Waterfall Viewing and Geologic Walk

Grab your camera, dress warm, and bring a lunch. The Pikes Peak Pebble Pups and Earth Science Scholars will spend part of the day exploring El Paso County's Rainbow Falls (near Manitou Springs at the gateway to Ute Pass). We will look at geological processes in the park, learn about stratigraphy, and touch the great nonconformity revealed in the park.

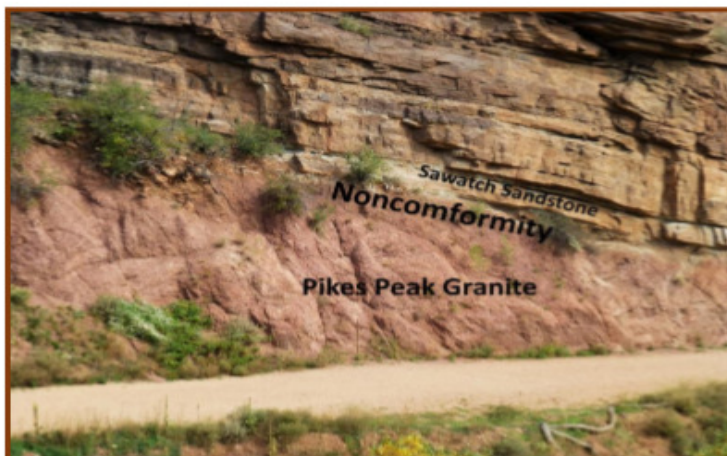
This is an excellent opportunity to look at local geology and take some great photos while getting outdoors. Hosted by Bear Creek Nature Center & Fountain Creek Nature Center and El Paso County Parks. We will have lunch together at a park in Manitou Springs. There is a \$1 charge for admission to the falls. Your club dues must be current to attend this special noncollecting field trip.

Date: Saturday, February 23, 2019

Time: 11 AM

Meet: at the entrance to the Rainbow Falls Park

To register: you must email Steven Veatch to register for this trip
steven.veatch@gmail.com



February 21 Pebble Pup Class: Exploring Caves

How are caves formed? Rocks and minerals found in caves will be discussed. Fossils and archaeological artifacts found in caves will be featured. Mineral of the month: Calcite. Discussion on how to prepare a pebble pup collection for the show. There will be a Saturday field trip to the Cave of the Winds on February 23. Register today!

PEBBLE PUPS “ROCK” THE 10th ANNUAL WMMI FAMILY DAY GEOLOGY EVENT

On January 5 the Colorado Springs Mineralogical Society participated in the Family Day Geology event at the Western Museum of Mining and Industry. This event, now in its 10th year, serves to educate individuals and families about the importance of geology in our society with interactive demonstrations and hands-on exhibits. The land area we today call Colorado has been the epicenter of many geologic processes over millions of years. Understanding how to identify and process the resultant minerals from these events is one of the most fascinating fields in geology, and many specimens were displayed for identification purposes at the event.

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Steven Veatch (left), Jonathan Hair (center), and Ben Elick (right) display their enthusiasm at the Family Day Geology event. Mr. Veatch has been leading the Pebble Pup program for 25 years! Photos courtesy of Western Museum of Mining & Industry



WESTERN MUSEUM OF MINING & INDUSTRY

WMMI Speakers' Bureau Lecture

With Ben Elick

*"Repeat Photography of the
Pikes Peak Region"*

Tuesday, March 12th, 2019

7:00pm

(Doors open at 6:30pm)

225 North Gate Blvd. C/S, CO 80921

In WMMI Museum Library

Only \$5 per person, free to museum
members.

Bookability is available online through:

www.wmmi.org

-or-

RSVP to 719-488-0880

Lecture Title:

*Repeat Photography of the Pikes Peak
Region*

Presented by Ben Elick



Ben Elick

Overview:

Ben Elick and his mentor Steve Veatch have been building an archive of historical photos of the Pikes Peak Region and have then revisited the exact spots where these pioneer photographers stood. This practice, known as "repeat photography", shows many things to scientists such as landscape, climate, and ecosystem change, and reveals the effects of human and non-human disturbances to the land.

The result from their work is striking when they pair historical images with their recent photos. By using this powerful method of photo pairs, that spans from decades to more than a century, you will be able to step into a "time machine" that shows the natural and historical changes of the Pikes Peak region through time. Join Ben Elick for an evening that will capture your imagination.

2019 CSMS OFFICERS

Sharon Holte, President

John Massie Vice-President

Open, Secretary

Ann Proctor, Treasurer

Adelaide Bahr, Membership Secretary

Taylor Harper, Editor

Laurann Briding, Member-at-Large

Ernie Hanlon, Past President

2019 CSMS CHAIRPERSONS

John Massie, Program Coordinator,

Mike Webb, Field Trip Co Coordinator

TBD, Science Fair Chair

Frank & Ellie Rosenberg, Librarians

Mark Schultz Social Committee Chair

Ann Proctor, Store Keeper

Lisa Kinder, Webmaster

Lisa Kinder, Facebook Keeper

Mike Nelson, Federation Representative

TBD, Federation Representative

SECRETARY'S SPOT

by Sharon Holte

General Meeting Minutes for the
Colorado Springs Mineralogical
Society - 12/20/2018 & 1/17/19

CSMS General Assembly Meeting - December 20, 2018

The meeting was called to order by our President, Sharon Holte, at 7:10 p.m.; followed by the Pledge of Allegiance. The President, Sharon Holte, stated that we had several items of business to attend to before the Christmas Party and gift exchange. The following items of business were published as blast-o-grams and needed to be handled tonight because there were not enough members present at the November meeting to make a quorum.

1. The October 18, 2018 General Assembly Meeting minutes needed to be accepted. A motion was made, seconded, and passed to accept the minutes as they were printed in the Pick & Pack.
2. **Article VII, Para 8** – The grant for the Western Museum of Mining and Industry also needed to be accepted. A motion was made, seconded, and passed to accept as published.
3. **Article VII, Para 9** – CSMS Rock Hound of the Year and the CSMS Junior Rock Hound of the Year also needed to be accepted. A motion was made, seconded, and passed to accept as published.
4. Also, the Board has been working on updating the Positions Descriptions and these will need to be voted on. A motion was made, seconded, and passed to accept the minutes as amended.
5. The new slate of the Board of Directors was read. A motion was made, seconded, and passed to accept the Board as published with the addition of Taylor Harper as Editor and Bill Arnson as Member-at-Large. Thanks for volunteering!
The Nominations are as follows: President, Sharon Holte; Vice-President, John Massie; Treasurer, Ann Proctor; Membership Secretary, Adelaide Bahr; Past President, Ernie Hanlon; Editor, Taylor Harper; Secretary, Member-at-Large, Laurann Briding; and Member-at-Large, William (Bill) Arnson.

The Christmas Party was a great success. Especially nice were the meats; ham, and turkey with all the trimmings, and Bill Arnson's chili. The gift exchange was great fun. The rules were made up just before the exchange and made for a lively time.

Meeting adjourned by our President, Sharon Holte at 8:40 p.m.
Respectfully submitted by Sharon Holte, Acting Secretary.

CSMS General Assembly Meeting – January 17, 2019

The meeting was called to order by our President, Sharon Holte at 6:15 p.m., followed by the Pledge of Allegiance. This was our Installation of Officers dinner held at the Golden Corral on Waynoka Rd in eastern Colorado Springs. There were no guests.

Randy Hurley introduced Steve Veatch and his program "The Ghosts of Gilman". This was a very interesting presentation. Steve had photos of this ghost town as it was originally closed many years ago. He also had photos many years later after it had been ransacked and destroyed. The photos made for very interesting comparisons. What a waste of a very historical site!

(Continued on page 11)

2019 SATELLITE GROUP CHAIRPERSONS

Crystal, Kevin Witte/Bob Germano

**Faceting, John Massie/Doreen
Schmidt**

Fossil, Jerry Suchan/Joyce Price

Jewelry, Bill Arnson

Lapidary, Sharon Holte

**Pebble Pups, Steven Veatch/
Betty Marchant**

2019 CSMS LIAISONS

**Florissant Fossil Beds
National Monument, Steven Veatch**

**Western Museum of
Mining & Industry, Steve Veatch**

(CONTINUED FROM PAGE 10)

Adelaide introduced one new member family.

The outgoing officers gave a short run down on their special projects which they completed in 2018. Sharon found three sets of historical documents which she turned over to PPLD – Historical Department. Many Thanks to Heather Jordon for all her help in sorting through the documents, keeping those that were not in our historical records and discarding those not needed or already in the records. In addition, Sharon gave out many assignments to the officers. Sharon and the officers tracked what each officer did during the year. This information was used to update the Officer Descriptions in the Constitution. Sharon and the officers also created a Board of Directors, Calendar of Deadlines in hopes that following Board's will have a document to use to make certain all of the various tasks throughout the year are remembered. John Massie and Laurann Briding created/updated a Welcome to CSMS letter to be given to new members when they join. This letter has been well received by new members. Adelaide researched other local mineral clubs obtaining their membership fees, how much they gave out in scholarships, how many members they had, and how many lifetime members they had. This determined that we were similar in fees; however, we gave out much more in scholarships. Randy presented our checks for support to the Fossil Beds National Monument and to the Western Museum of Mining and Industry. Larry put out 10 Pick & Packs and kept the blast o grams going to keep members updated on society events. I hope I covered everything? If not, so sorry.

Randy Hurley installed our new Board of Directors: President, Sharon Holte; Vice President, John Massie; Treasurer, Ann Proctor; Acting Secretaries, Sharon Holte and Adelaide Behr; Membership Secretary, Adelaide Bahr; Editor, Taylor Harper; Members at Large, Laurann Briding and Bill Arnson absent.

The meeting was adjourned about 7:30 p.m. Many members stayed to talk and take a gander at Austin Cockell's minerals.

Respectfully summated by Acting Secretary, Sharon Holte

(CONTINUED FROM PAGE 8)



Ben Elick (above) captivates his audience with an array of different specimens.



Melanie B. (above, right) demonstrates the effect of UV fluorescence with several groups of minerals.



Adelaide Bahr (left), and Sharon Holte (right) discuss geology-related topics with families at the event. There were many colorful mineral specimens displayed, including a few recently crafted tap handles by a CSMS member. All photos courtesy of WMMI



Colorado Springs Mineralogical Society

Post Office Box 2, Colorado Springs, CO 80901

www.csms1936.com

2019

APPLICATION FOR MEMBERSHIP

LAST	<input type="text"/>	FIRST	<input type="text"/>	MIDDLE	<input type="text"/>		
SPOUSE	<input type="text"/>	Child (Name):	<input type="text"/>	Age:	<input type="text"/>	GRADE	<input type="text"/>
		Child (Name):	<input type="text"/>	Age:	<input type="text"/>	GRADE	<input type="text"/>
STREET	<input type="text"/>			CITY	<input type="text"/>		
STATE	<input type="text"/>	ZIP	<input type="text"/>	EMAIL	<input type="text"/>		
CELL	<input type="text"/>			HOME	<input type="text"/>		

Have you previously been a member of the CSMS? YES ☐ NO ☐ WHEN

Do you want your name and contact information published in the CSMS Membership Directory, distributed only to members? YES ☐ NO ☐

My photo may be used in the CSMS Publication "Pick & Pack" Circle YES or NO.

	New / Continuing Members		New Members Only	
	Before Jan 31	After Jan 31	After June 30	Oct 1 – Jan following year
<input type="checkbox"/> Pebble Pup Membership (4 – 12 years old and parent is not a member)	<input type="checkbox"/> \$10.00	<input type="checkbox"/> \$15.00	<input type="checkbox"/> \$ 7.50	<input type="checkbox"/> \$10.00
<input type="checkbox"/> Junior (Membership (12 –17 year old and parent is not a member)	<input type="checkbox"/> \$10.00	<input type="checkbox"/> \$15.00	<input type="checkbox"/> \$ 7.50	<input type="checkbox"/> \$10.00
<input type="checkbox"/> Individual Membership (18 and over)	<input type="checkbox"/> \$25.00	<input type="checkbox"/> \$30.00	<input type="checkbox"/> \$15.00	<input type="checkbox"/> \$25.00
<input type="checkbox"/> Family Membership (2 adults & dependents under 18)	<input type="checkbox"/> \$35.00	<input type="checkbox"/> \$40.00	<input type="checkbox"/> \$20.00	<input type="checkbox"/> \$35.00
<input type="checkbox"/> Corporate Membership (entitles up to five (5) Individual Memberships)	<input type="checkbox"/> \$95.00	<input type="checkbox"/> \$100.00	<input type="checkbox"/> \$50.00	<input type="checkbox"/> \$95.00

SATELLITE GROUPS Please check ALL YOU MAY BE INTERESTED IN JOINING Fill out each year, please!!!			
PEBBLE PUPS <input type="checkbox"/>	FACETING <input type="checkbox"/>	LAPIDARY <input type="checkbox"/>	Other: <input type="text"/>
JUNIORS <input type="checkbox"/>	FOSSILS <input type="checkbox"/>	PHOTOGRAPHY <input type="checkbox"/>	
CRYSTAL <input type="checkbox"/>	JEWELRY <input type="checkbox"/>	OTHER <input type="checkbox"/>	
VOLUNTEER OPPORTUNITIES ! VOLUNTEERS ARE WHAT MAKE OUR CLUB! Fill out each year!!!			
GUEST SPEAKER <input type="checkbox"/>	FIELD TRIPS <input type="checkbox"/>	EDITOR/WRITING <input type="checkbox"/>	List any other things you may be willing to do:
CLUB OFFICER <input type="checkbox"/>	LOCAL ROCK SHOWS <input type="checkbox"/>	LIBRARY <input type="checkbox"/>	
HISTORIAN <input type="checkbox"/>	ARTIST/MEDIA <input type="checkbox"/>	REFRESHMENTS <input type="checkbox"/>	

I hereby agree to abide by the Constitution and By-Laws of the Colorado Springs Mineralogical Society [http://www.csms1936.com/wp-content/uploads/2017/02/Constitution and By Laws.pdf](http://www.csms1936.com/wp-content/uploads/2017/02/Constitution%20and%20By%20Laws.pdf) . I have read the membership information as well as the request and waiver for field trips on page 2. I understand that all members must sign a separate waiver at each field trip to participate. I agree to abide by the American Federation of Mineralogical Societies (AFMS) Code of Ethics. <http://www.amfed.org/ethics.htm>.

Signature of Primary Applicant or Guardian if Minor

Application Date:

Mail this form and your payment to: Colorado Springs Mineralogical Society, PO Box 2, Colorado Springs, CO 80901
Membership Chair: Rev: 01/28/19

CSMS Application Page 2- Membership information page and Waiver/ Release to participate in Field Trips.

- Membership to CSMS is annual, from January 1st to December 31st. Membership dues **MUST** accompany this application, which **MUST** be filled out each year.
- Members must abide by the CSMS Constitution and By-Laws, located on the web at: http://www.csms1936.com/wp-content/uploads/2017/02/Constitution_and_By_Laws.pdf
- Members in good standing receive the following benefits: 10 electronic issues of the CSMS *Pick&Pack* newsletter, right to participate in all field trips (additional fees may be required on some field trips and members are responsible for all transportation to and from), participation in one or all Satellite Groups (some groups may request additional fees to help cover resource costs), free admission to the Western Museum of Mining and Industry, a year of learning and enjoyment, plus a lifetime of memories. The Pebble Pup program is a satellite program.
- Continuing memberships must pay full-year dues; a \$5 discount can be applied to renewals on or before January 31st. Anyone who has previously been a member **MUST** pay the full rate each year **REGARDLESS** of the time of the year they pay their dues.
- A person, family, or corporation joining the CSMS as a new member after June 30th shall pay half the yearly membership rate. A person joining CSMS as a new member after October 1st receives the rest of the current year plus the next year's membership. The partial year membership shall not apply toward the 25 year Lifetime Membership.
- Members who have paid their dues for 25 years will be awarded a Lifetime Membership on their 26th year. Lifetime Members receive all of the CSMS benefits and no longer have to pay the annual dues. Individual Memberships provided by Corporate Membership are excluded from Lifetime Status. Corporate membership grants up to 5 individual memberships and one yearly (10 issues) 3.5" x 2" advertisement in the CSMS Pick & Pack.

Release by Participants from Claims Arising By Virtue of Mineral Collecting
Led By Field Trip Leader of the Colorado Springs Mineralogical Society,
A Non-Profit Corporation – Member: Rocky Mountain Federation of Mineralogical Societies

I/we, the undersigned, hereby request permission to participate in mineral collecting led by the Field Trip Leader of the Colorado Springs Mineralogical Society, a non-profit corporation.

I/we know the risks and dangers involved in such activities and that unanticipated and/or unexpected dangers may arise during such activities.

I/we assume all risks of injury to my/our persons and properties that may be sustained in connection with the stated and associated activities in and around the premises.

In consideration of the permission granted to me/our participation in the stated activities, I/we hereby for myself, my heirs, administrators, and assigns release to the Colorado Springs Mineralogical Society and the Rocky Mountain Federation of Mineralogical Societies, and their representatives, servants, agents, officers and officials and all other participants in the stated activities of and from all claims, demands actions and causes of actions of any sort, for injuries sustained to my/our person and/or property during my presence on the premises and participation in the stated activities due to negligence or any other fault.

Our Staff...

Taylor Harper—Editor

We encourage everyone to submit articles, photos, illustrations or observations.

Share your experiences, your new finds, or simply your experience at our last field trip.

Handwrite it, type it, or email it. Format does not matter. All submissions are welcomed. The DEADLINE for items to be included in the next Pick & Pack is the **20th of the preceeding-month**

To submit an item:

For hardcopy photos or articles, mail to the address below or bring them to the General Meeting. All hardcopy photos remain the property of the submitter and will be returned. Electronic photos should be submitted at resolutions above 200 dpi in TIF, BMP, JPG, or PIC format. **Articles are preferred in Word.** Editor will correct font.

E-Mail to:

csmseditor@hotmail.com

Mail to:

Pick & Pack Editor
PO Box 2
Colorado Springs, CO 80901

The PICK&PACK is published ten (10) times per year (no issues in January or August). Unless otherwise marked, materials from this publication may be reprinted. Please give credit to the author and CSMS PICK & PACK.

CSMS

T-Shirts, Badges, and Pins
are available for sale.

If you celebrated a CSMS anniversary in 2017 or 2018, you are eligible for your one year pin award!

Please see Storekeeper,

Ann Proctor

Please submit any advertisements to:

csmseditor@hotmail.com

Upcoming local gem & mineral shows are usually posted here



PICK&PACK

P.O. Box 2

COLORADO SPRINGS, CO 80901-0002

Postage Here



CSMS is an incorporated nonprofit organization with these goals:

To promote and disseminate knowledge of the earth sciences, especially as they relate to mineralogy, lapidary, and fossils.

To encourage study, collection, and fashioning of minerals.

To accomplish the same through social meetings, lectures, programs, displays, shows, and field trips.

The Pick & Pack is published 10 times each year to assist and promote the above.

Joining the Colorado Springs Mineralogical Society (CSMS): Meetings are held the **third (3rd) Thursday of each month**, except January & August, **7:00 p.m.**, at Mt. Carmel Center of Excellence, 530 Communication Circle, Colorado Springs, CO 80905. (Starting (9/21/2017) **Visitors are always welcome.**

CSMS also offers Satellite Group meetings that allow more focused attention in specific areas of our members' interests. Our current Satellite Groups consist of the following: Crystal Study Group, Faceting Group, Fossil Group, Jewelry Group, Lapidary Group, and Pebble Pups/Juniors. For details on Satellite Group meetings, check out the calendars on page 2 and the web site.

Yearly dues include 10 issues of the *PICK&PACK*, all field trips (additional fees may be required on some field trips, and members are responsible for all transportation to and from), participation in all Satellite Groups (some groups may request additional fees to help cover resource costs), free admission to the *Western Museum of Mining & Industry*, a year of learning and enjoyment, plus a lifetime of memories.

Individuals—\$30, Family—\$40, Juniors—\$15, Corporate—\$100, *****Application is on the web site.

If you are interested in joining CSMS or would like more information, we encourage you to attend our next General Meeting or visit our web site: www.csms1936.com

CSMS is a Member of the following organizations:

American Federation of Mineralogical Societies (AFMS)

www.amfed.org

Rocky Mountain Federation of Mineralogical Societies (RMFMS)

www.rmfmts.org