



**Colorado Springs
Mineralogical Society**
Founded in 1936
Lazard Cahn
Honorary President
"Pick & Pack"
Vol 61 Number 2

CSMS General Assembly Thursday, Mar 18, 2021, 7:00 PM

GUEST SPEAKER:
Melanie McCalmont, M.Sci.

Via Zoom:

<https://us02web.zoom.us/j/87575301885?pwd=cjVjWkRYR0V4QmU3UUxvV2F0ZFpyZz09>

Meeting ID: 875 7530 1885
Passcode: 997946

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+13462487799,,87575301885#,,, *997946# US (Houston)



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"From Plaster to Pixels: Geologic Relief Models in Historical Context" Melanie McCalmont, M. Sci.



M. McCalmont

This lecture introduces the 19th century beginnings of U.S. commercial geologic relief modeling--an important but overlooked type of mapping. 3D relief models were the primary ancestor of the computerized mapping we now enjoy. As the 19th century public struggled to understand the waves of new science--evolution, mining, environmental change, population

shifts, and cartography--relief models were an accessible and beautiful way to learn about science. This talk will also present several 19th century relief models specific to Colorado and the Four Corners region.



Photo of a relief model. Credit: M. McCalmont

COLORADO SPRINGS MINERALOGICAL SOCIETY PO BOX 2 COLORADO SPRINGS, COLORADO 80901-0002

CSMS Calendar

Mar '21	Apr '21						
03/02/21	04/06/21	Fossil Group	1st Tues	7:00 PM	Pikes Peak United Methodist Church	Jerry Suchan	303-648-3410
03/04/21	04/01/21	Board Meeting	1st Thur	7:00 PM	Pikes Peak United Methodist Church	John Massie	719-338-4276
03/18/21	04/15/21	Pebble Pups (see session online)	3rd Thur	5:30 PM	Mt. Carmel Center	Steve Veatch	719-213-1475
03/18/21	04/15/21	General Assy Meeting	3rd Thur	7:00 PM	Mt. Carmel Center	John Massie	719-338-4276
03/25/21	04/22/21	Crystal Group	4th Thur	7:00 PM	Mt. Carmel Center	Kevin Witte	719-638-7919
03/25/21	04/22/21	Faceting Group	4th Thur	7:00 PM	Berta's House	John Massie	719-338-4276
By appt	By appt	Lapidary Group	By appt	By appt	Sharon's House	Sharon Holte	719-217-5683

Other CSMS Events

Not cancelled, actually (Via Zoom)

Board Meeting	4 Mar 21 6:00 PM
General Assembly Meeting	18 Mar 21 7:00 PM
Board Meeting	1 Apr 21 6:00 PM

Apr 10 10 AM - 3 PM Family Day at Western Museum of Mining and Industry (WMMI). Geology - themed activities and demonstrations for the family. Accompanied by a live broadcast of Mike Boyle's "Lunch Bunch" Radio Show (11 AM - 2 PM). Food provided by Rocco's Italian food truck - super delicious Italian food. Supported by wonderful volunteers from our wonderful CSMS. Wonderful day for the family! Check other amazing happenings at WMMI: <https://wmmi.org/welcome.html> IT'S LOCAL! Just off North Gate Blvd.

Community Events (from Pete Modreski)

Mar 9 6:30 PM Monthly lecture via Webex of the Friends of the Mines Museum. Topic TBA.

Mar 18 7:00 PM Monthly meeting via Zoom, Colorado Scientific Society, Kyle Bracken "Layer-bound normal faulting in the Upper Cretaceous Niobrara Wattenberg Field, CO"

Apr 13 6:30 PM Monthly lecture via Webex of the Friends of the Mines Museum, "A virtual tour of the rock collection of the National Museum of Natural History," by Leslie Hale, National Rock and Ore Collections Manager and Collections Management Team Lead, Department of Mineral Sciences, National Museum of Natural History, Smithsonian Institution. Leslie will describe the rock collection on a virtual tour using photographs and stories from her experiences over the past three decades. All welcome to attend; login information TBA.

Apr 15 7:00 PM Monthly meeting via Zoom, Colorado Scientific Society, Teresa Schwartz (CSM) "Fluvial deposits of the Raton Basin: Implications for paleotopography and paleoclimate."

TBD Florissant Scientific Society: All live meetings are cancelled until further notice. Meanwhile check out some recent meetings that you may have missed on the FSS YouTube Channel: <https://www.youtube.com/>

Secretary's Spot

Francis Nimick

2020 CSMS Officers

John Massie, President

Rick Jackson, Vice-President ***NEW!***

Francis Nimick, Secretary ***NEW!***

Ann Proctor, Treasurer

Adelaide Bahr, Membership Secretary

John Emery, Editor

Chris Burris, Member-at-Large

Renee Swanson, Member-at-Large

Sharon Holte, Past President

2020 CSMS Chairpersons

Rick Jackson, Program Coordinator

John Massie, Show Vol Coordinator

Mike Webb, Field Trip Coordinator

Steven Veatch, Science Fair Chair

Frank and Ellie Rosenberg, Librarians

Mark Schultz, Social Committee Chair

Ann Proctor, Store Keeper

Lisa Cooper, Show Chairman

Lisa Cooper, Webmaster

Lisa Cooper, Facebook Keeper

Mike Nelson, Federation Representative

Vacant, Federation Representative

Meeting Minutes

Colorado Springs Mineralogical Society

CSMS General Assembly

Meeting Minutes

February 18, 2021

Meeting called to order by John Massie at 7:03 pm.

Adelaide Bahr mentioned the names of new members; two of these members were participants in the meeting.

John Massie stated that there were 15 members at the meeting as it began. (Later in the meeting, the total attendance was 19 members.)

John Massie summarized three donations of minerals to CSMS, and stated that decisions will need to be made on the management and/or disposal of these minerals. Michael Wheat suggested they be used for a silent auction at the next show, and there was general response that such was the main plan for addressing this topic.

In response to a query from John Massie, Sharon Holte confirmed her willingness to help Mike Webb with field-trip coordination.

Officer Reports

- President (John Massie) Reviewed the calendar of events, with input from Sharon Holte.
- Vice President (Rick Jackson) Reminded attendees that, in lieu of having a speaker, this meeting would have a show-and-tell session later in the meeting.
- Treasurer (Ann Proctor) Nothing to report.
- Secretary (Francis Nimick) Nothing to report.
- Membership Secretary (Adelaide Bahr) Input provided earlier in the meeting.
- Editor (John Emery) Working on the next issue of the Pick and Pack; learning the process for Rockhound of the Year.
- Members at Large (Chris Burris, Renee Swanson) Chris asked about the possibility of having a Fossil Hunter of the Year. Sharon Holte pointed out that this aspect is included in the Rockhound of the Year by the Rocky Mountain Federation. Renee offered to help with field-trip coordination.
- Past President (Sharon Holte) Mentioned that she has several zip drives, containing multiple years of CSMS records, to transfer to the new Secretary. She also has awards from the American Federation for several CSMS members. She will get them to the recipients and do a write-up about them for the Pick and Pack.
- Website Coordinator (Lisa Cooper) Not present.

(Con't)

Satellite Groups

- Crystal Group (Kevin Witte) Not present.
- Faceting Group (John Massie) Has a faceting machine if anyone is interested in learning the skill.
- Pebble Pups (Steven Veatch) Not present.
- Fossil Group (Jerry Suchan) Not present, but Adelaide Bahr reported that there had been no meetings.
- Jewelry Group (needs a chairperson)
- Lapidary Group (Sharon Holte) By appointment only; please call Sunday evening after 6:30 pm.
- Field Trip Coordinator (Mike Webb, Sharon Holte) Mike was not present; Sharon said there was nothing to report.

Liaisons

- Claims (Frank Rosenberg) The paperwork is up-to-date; no additional status to report.
- Social Coordinator (Mark Schultz) Not present.
- Store Keeper (Ann Proctor) Nothing to report.

Unfinished Business

- The three proposed changes to the CSMS constitution were tabled because the quorum of a minimum of 25 members was not present. There was an informal consensus that the next step needed to be an email vote on the changes.

New Business

- Michael Wheat said that he has a set of old CSMS ribbons; should he keep them or dispose of them? The decision was made that he should dispose of them.
- Members took turns showing some of their specimens (with some difficulty with lighting and camera angles!).

Meeting was adjourned at 7:54 pm.

Respectfully submitted,
Fran Nimick, Secretary

Rock Hound of the Year 2020 Nominations

Two individuals have been nominated for “Rock Hound of the Year” for 2020:

- John Emery, CSMS Editor, for tireless efforts producing the newsletter
- Chris Burris, CSMS Member-at-Large, for two extraordinary archeological finds

If you want to register an additional nomination, please contact the editor:

csmseditor@hotmail.com



Federation News Post

American Federation of Mineralogical Societies
Rocky Mountain Federation of Mineralogical Societies



AFMS Convention and Show Dates:

~~2021, April 21-25, Sandy, UT~~ (see notice below)

2022, Jan. 29 -30, Tyler, TX




RMFMS Conventions, Workshop and Show Dates:

~~2021, April 16-18 - Sandy, UT (with AFMS)~~ (see notice below)

2022, May 7-8 - Las Vegas, NV

PUBLIC NOTICE

The 2021 joint RMFMS & AFMS Conference has been changed to:
Big Piney, WY - June 17-20
(aka Marbleton, WY)



Due to COVID restrictions, the joint 2021 AFMS & RMFMS Conferences are not able to be held in Sandy, UT.

BUT, since everyone had so much fun in 2020, the **Sublette County Rock Hounds** have graciously stepped up to host the conference again this year.

New Dates: June 17-20, 2021

Contact: Jim Gray (jimgray@wyoming.com)

About the AFMS - A non-profit educational federation of seven similar regional organizations of gem, mineral and lapidary societies. The purpose of AFMS is to promote popular interest and education in the various Earth Sciences, and in particular the subjects of Geology, Mineralogy, Paleontology, Lapidary and other related subjects, and to sponsor and provide means of coordinating the work and efforts of all persons and groups interested therein; to sponsor and encourage the formation and international development of Societies and Regional Federations and by and through such means to strive toward greater international good will and fellowship. Founded in 1947.

About the RMFMS - A non-profit educational organization. The purpose of the Rocky Mountain Federation is to have a close association of all clubs in the Society to promote the study of earth sciences, including the lapidary arts, the study of fossils and paleontology, and related crafts. The RMFMS was organized in 1941, and held its first annual convention at the Argonaut Hotel in Denver, Colorado. There were 16 organizations in attendance. The RMFMS became one of the original four founders of the American Federation of Mineralogical Societies when it was organized in 1947.



Federation News Post

American Federation of Mineralogical Societies
Rocky Mountain Federation of Mineralogical Societies



Scholarship Committee Report – 2021

January 18, 2021

Thus far two Rocky Mountain Federation clubs and the RMFMS itself have contributed to the AFMS Scholarship Foundation for the fiscal year of Nov. 1, 2020 through October 31, 2021. I sincerely wish to thank both of the clubs which have contributed to the Scholarship Foundation and of course the RMFMS.

The clubs, the amount they contributed, and the percentage to which that brings them are listed below. A percentage of 2500% would mean the equivalent of the club donating \$1/member for 25 years.

RMFMS \$4,139.65

Tulsa Rock & Mineral Society** \$421.00 4700%

Wichita Gem & Mineral Society** \$ 50.00 5600%

Total Donations \$4,610.65

Some of the donations from the Tulsa club were made in memory of Claudine Ruth Elmore, Bob Hicks, Jack Hill, and Billie Marie Need. The donation from the Wichita club was made in memory of Steven Hardin.

I hope that we will have contributions from several other clubs this year. Remember that through the AFMS Scholarship Foundation, our RMFMS is able to award two \$4000 scholarships each year to graduate students majoring in the Earth Sciences. These donations are also an excellent way to honor members who have passed away.

Our Honorary RMFMS Scholarship Awardee this year is Dr. Paul D. Brooks a professor in the Department of Geology/Geophysics at the University of Utah. He was nominated by the Wasatch Gem & Mineral Society of Riverton/Salt Lake City, Utah. Dr. Brooks will select two outstanding Geology graduate students to receive our scholarships this year.

Respectfully submitted,
Richard Jaeger, Scholarship Chairman



Federation News Post

American Federation of Mineralogical Societies
Rocky Mountain Federation of Mineralogical Societies



AFMS ENDOWMENT FUND

I am the Rocky Mountain Federation Regional Chairman for the AFMS Endowment Fund. Cheryl Neary, a member of the Eastern Federation, is the AFMS Endowment Fund Chair and also the AFMS Central Office Administrator.

Basically, this is a raffle drawing with tickets being sold at \$5 each or five tickets for \$20. The drawing will be held at the RMFMS/AFMS Convention in Wyoming in June.

People from around the American Federation donate prizes for the raffle – they may be jewelry, crystals, minerals, fossils, books, or other items, the value of which range generally from \$75 to \$200. Last year because the AFMS Show in Knoxville, TN was cancelled, there was no drawing.

As items are donated, pictures of them will appear in the AFMS Newsletter and on the American Federation Website <amfed.org>. There are generally around 30 items.

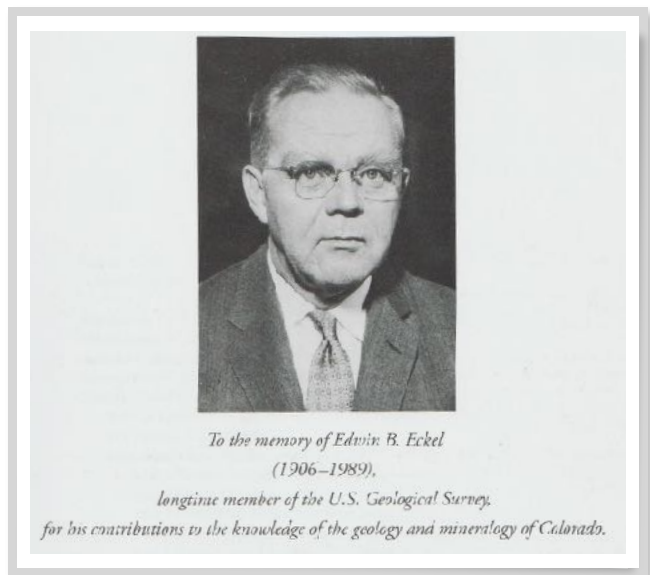
This is a major way to financially support the American Federation's efforts on behalf of our hobby. Currently the funds go towards the Junior Rockhound Program, Judges Training, and preparing Programs for distribution to Regional Federations which can be used by individual clubs. Over \$4,000 was raised last year. Cheryl requests that the checks be sent to the regional chairs so that we may issue tickets and have a record of who has entered. Checks should be made payable to the "AFMS Endowment Fund." We then forward those checks to Pat LaRue, the AFMS Treasurer. I will fill out the proper number of tickets for each contribution, send the stubs to the donating individual, and get the tickets to the RMFMS/AFMS Show in Big Piney, Wyoming from June 17-20, to be put into the RMFMS bag. There will be at least one general prize ticket, maybe two or three, drawn from each of the bags for the seven regional federations. After that, all tickets will be dumped into one bag, and further drawings will take place until all the prizes have been awarded.

I hope that many of you will participate and hopefully be winners in Wyoming; but you need not be present to win. I would also be happy to accept any donated prizes for the raffle or they could be sent directly to Cheryl Neary; the more prizes, the more winners, and hopefully, more money raised. Cheryl's address is: 42 Jefferson Ave., Patchogue, NY 11772. I am donating an ammonite fossil from Madagascar myself and my wife Linda is donating a gemstone necklace. My contact information is provided below. Please share this information with your club members and thanks for your consideration.

Richard D. Jaeger
3515 E. 88th St.
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918-481-0249
RjgrSci@aol.com

Coloradoite, Stegosaurus, and the Compromise of 1877 + Silver Dollars

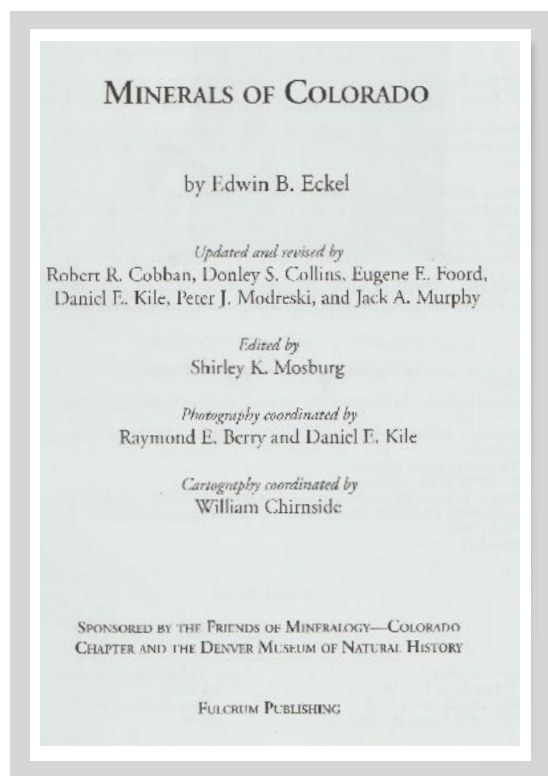
Mike Nelson
csrockguy@yahoo.com



In 1961 Edwin B. Eckel of the USGS, after 30 years of work, authored Bulletin 1114, *Minerals of Colorado: A 100 Year Record*. The Bulletin was a major contribution to understanding mineral resources of Colorado and was popular with both amateur rockhounds and professional geologists. On pages 6-7 Eckel noted that “during the past 100 years Colorado has given 42 new, or type, minerals to the science of mineralogy. [In addition, there are] 22 Colorado minerals that were first described as new but whose validity as species has since been discredited.”

The earliest record in Eckel’s Type list is from 1874 when Genth (1874) described schirmerite, a silver-lead-bismuth sulfide, from the Geneva District located about two miles southeast of the mining community of Montezuma (located a few miles east of the Keystone Ski Resort). The next record is 1877

when Genth described the mercury telluride mineral, coloradoite, from Boulder County.



1877 was an interesting year and earlier this winter I had been reading about the Compromise of 1877 (as a history buff bored in the pandemic I locate and read about all sorts of trivial “happenings”). However, suddenly the Compromise was seemingly made relevant due to the election of 2020, at least to Senator Ted Cruz (R-TX). In the election of 1876 Samuel Tilden (D-NY) won the popular vote for president by ~250,000 votes over Rutherford B. Hayes (R-OH) and accumulated 184 votes in the electoral college. Unfortunately for Tilden, 185 electoral votes were needed for victory (Hayes garnered 165 electoral votes). Republicans claimed voter fraud and Louisiana, South Carolina, and Florida, states still saddled with Reconstruction-era governments in power, sent in two conflicting sets of electoral votes---

what to do? Well, Congress formed a Commission and was in discussion when Republican minions of Hayes secretly negotiated a “compromise” with southern Democrats of the three contested states to throw their support, and 20 electoral votes, to Hayes (originally the Democrats had supported Tilden) allowing him to reach the magic number of 185. In return for their support, Hayes essentially gave away the store by withdrawing all Federal troops from the southern states and ending Reconstruction. In doing so he abandoned the freed slaves and ushered in the era of Jim Crow laws. In short order, state governments in the southern states stopped enforcing the 14th Amendment (Black Citizenship), the 15th (right to vote), and the Civil Rights Act of 1866. The U.S. is still trying to come to terms with the Compromise of 1877. Meanwhile in Colorado, Leadville was booming and was “founded” by mine owners Horace Tabor and August Meyer in 1877. In Morrison, Colorado, on the eastern front of the Rockies, one of the world’s best-known dinosaurs, Stegosaurus, was discovered in the Jurassic Morrison Formation. In August 1876 Colorado had become the 38th state and so the November presidential election was their first--but not really for the general population! In those days of old, the Colorado General Assembly picked the three presidential electors and awarded their three votes to Rutherford B. Hayes. This was the final time in U.S history that any state awarded electoral votes without the candidate winning the popular vote. So in a way, Colorado had a giant voice in electing Hayes, for if our statehood had come four or more months later, those three electoral votes would not have been available. I suppose Tilden would

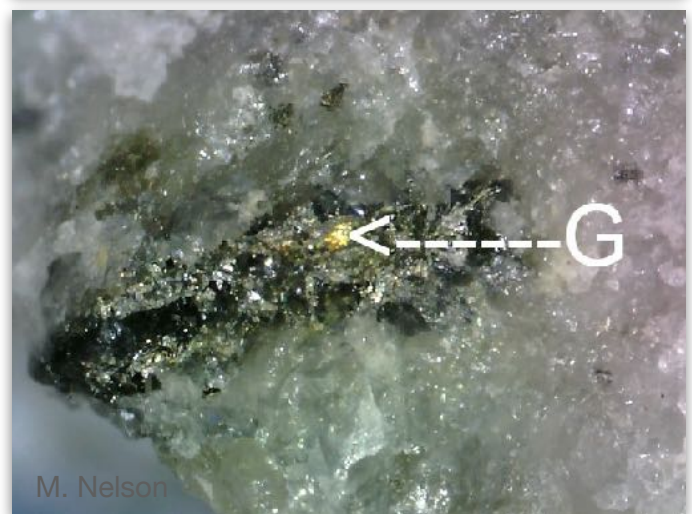
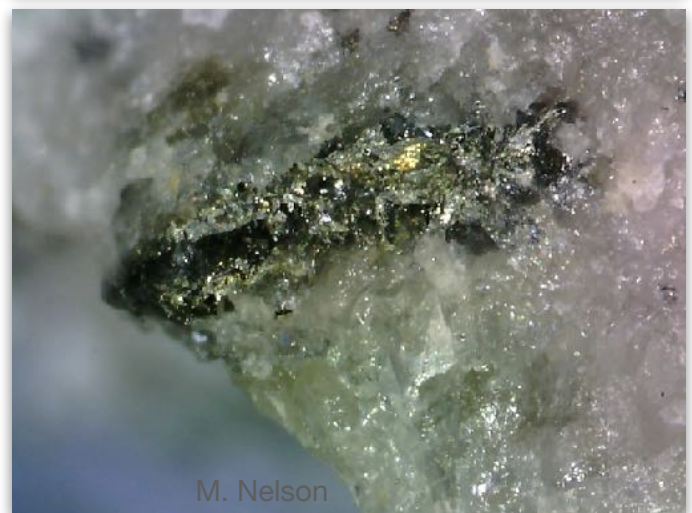
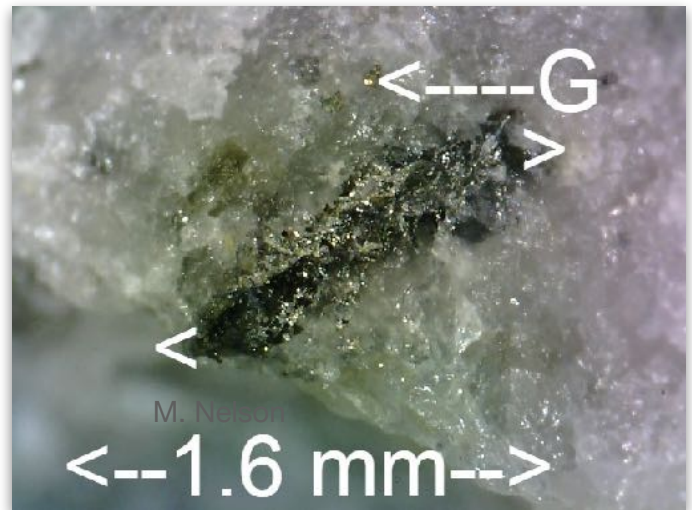
have become President and our country would have changed. One can only speculate how.

Eckel’s Bulletin was such a popular read that various members of the Friends of Mineralogy, Colorado Chapter, and the Denver Museum of Natural History (now Nature and Science), spent 20 years updating the book and published, in 1997, a 665-page tome entitled Minerals of Colorado. Eckel provided information on 445 Colorado minerals while the revision described 774 Colorado minerals. While Eckel described 42 Type Minerals from Colorado, I counted 66 Types listed in the revised book. I do not have appropriate information to speculate on new Types that Colorado may have produced since 1997. The element tellurium is a silver-white metalloid (possesses properties of both metals and non-metals) with the symbol Te and the atomic number of 52 (number of protons in the nucleus of the atom). Tellurium exhibits oxidation states of 6+, 5+, 4+, 3+, 2+, 1+, 1-, 2-; however, only 6+, 4+ and 2- are stable. Tellurium can act as a cation with a 4+ oxidation state (IV) (a tellurite) as in the uncommon mineral tellurite, TeO_2 , or with a 6+ oxidation state (VI) (a tellurate) as in jensenite, $\text{Cu}_3\text{TeO}_6 \cdot 2\text{H}_2\text{O}$. The telluride anion with a charge of 2- often combines with gold and silver cations in the minerals calaverite (AuTe_2) and sylvanite (AuAgTe_4); both minerals form major gold ores at Cripple Creek, Colorado. Coloradoite is an uncommon telluride where tellurium (2- oxidation state) combines with mercury (2+ oxidation state) and the result is HgTe .

Genth (1877) named coloradoite for the State as he described the Type Specimens from the

Smuggler, Keystone, and Mountain Lion Mines in gold mining districts west and northwest of Boulder. However, in Colorado the largest concentrations (and I use that term loosely) seem to be in the San Juan Mountains. My small specimen came from the Bessie G Mine in the La Plata Mountains, a subrange of the San Juans located northwest of Durango. As with many tellurium minerals, I remain somewhat confused (easy for me) to fully understand coloradoite. Most specimens are exceedingly small (millimeters) in size and are intermixed with other tellurium, gold, and silver minerals. I certainly do not have the determinative mineralogical skills, nor the electronic gizmos, to help with sorting out the different minerals. But, as T.S. Elliot noted, if you aren't in over your head, how do you know how tall you are?

Vogel and Gonzales (2014) did note that the mines in the La Platas are associated with several laccolithic complexes that are Laramide in age, ~70 Ma. The mining district is well known for vein and replacement epithermal (shallow thermal deposits associated with hot fluids) gold-silver deposits that form in association with telluride minerals. Besides coloradoite, the Bessie G has produced the tellurium minerals alaite, calaverite, hessite, krennerite, magnolite, petzite, sylvanite, and stützite. Coloradoite is soft (~2.5 Mohs), has a metallic luster, is black to gray black in color, has a black streak. Specimens are usually granular to massive with crystals indistinguishable.



All Above: A mixture of telluride minerals, silver shiny plus black, with gold, in a quartz matrix from the Bessie G Mine. The black mineral is probably coloradoite while the silver may be coloradoite or another telluride. There is also free gold in the quartz noted in the upper and lower photomicrographs. The length <---> of the telluride exposure is ~1.6 mm.
Photomicrographs: M. Nelson

REFERENCES CITED

Genth, F.A. (1877) Stated meeting, October 20th, 1876. Proceedings of the American Philosophical Society: 16: 287-289.

Genth, F., 1874, Contributions from the Laboratory of the University of Pennsylvania. No. III. On American Tellurium and Bismuth Minerals: Proceedings of the American Philosophical Society: 14: 223-231.

Vogel, C. (2014, October). Insight into the Origin of Gold at the Bessie G Mine, La Plata Mining District, Southwestern Colorado. In 2014 GSA Annual Meeting in Vancouver, British Columbia.

Photo of Eckle and Title Page are courtesy of, and from, Minerals of Colorado.

TRIVIA FOR ALL

As another little bit of trivia, Colorado mining interests probably wished they could have rescinded their electoral votes for Hayes. During Grant's term in 1873, Congress removed the use of silver dollars as authorized coins (Coinage Act of 1873). Of course, this action aggravated, well actually more than aggravation, silver miners and the mining companies. They certainly wanted to mine and sell more silver! Enter the Bland-Allison Act of 1878 that required the U.S. Government to purchase between two million and four million dollars of silver each month from mines in the western states and then mint the bullion into spendable silver dollars. Well, Hayes vetoed the bill (another aggravation) but his veto was overridden and the Act became law. That really was not much silver, and the western miners continued to complain until the Silver Purchase Act of 1890 (Sherman Silver Purchase Act of 1890) required the Government to purchase an additional 4.5 million ounces of silver each month. Sounds

good for the mining companies but not so good for the Government. This monthly purchase was financed by the special issue of Treasury Notes that could be purchased and then redeemed for either gold or silver--do you see a big problem brewing? The silver currency was vastly overvalued, and investors purchased silver and traded it for the undervalued gold and then sold the gold on the commodity market for big profits. Finally, the Treasury essentially ran out of gold and President Grover Cleveland got the Act repealed in 1893. Sounds like a good deal to me--the price of silver in 1892-1893 was between \$.60-.70 per ounce while gold ranged between \$18-19. Ain't some trivia fascinating? A good stress reducer!





NOTICE: Regular Pebble Pup meetings are **SUSPENDED** until TBD



Please visit our blog for special announcements and field trips:

<http://pebblepups.blogspot.com>

<http://www.csms1936.com>



Find your assignments at:

<http://pebblepups.blogspot.com/p/merit-badge-assignments.html?m=1>



Photograph courtesy of the Cripple Creek District Museum

Brothers

Steven Wade Veatch

The photo you left
from gold rush days
turned up today.
It lasted over a century.

I would say go
to Cripple Creek,
again, grab
some gold.
Have some fun—
ride a burro,
and look down
the winding trail,
to a time that didn't
last long enough.



The Great Sand Dunes

Steven Wade Veatch

Here the sand does not belong to an hourglass but to a timeless part of the wind.

Made of many colors of no shared heritage, they travel through the millennia.

Will the sand blow loose, roll down slopes, dance in gusts or reach an angle of repose?

Above: View of the Great Sand Dunes National Park, Colorado.
Photo date 2020 by S. W. Veatch



Left: Magnification of people walking on the dune in the pic above (lower center). Can you spot two more individuals, lower to the right (in pic above)?

Photo date 2020 by S. W. Veatch

President's Corner

John Massie



2020 Satellite Group Chairs

Kevin Witte/ Bob Germano, Crystals

John Massie/ Bertha Medina, Faceting

Jerry Suchan/ Joy Price, Fossils

Vacant, Jewelry

Sharon Holte, Lapidary

Vacant, Micro-mount

Vacant, Photography

Steven Veatch/ Betty Marchant, Pebble Pups

2020 Liaisons

Florissant Fossil Beds National Monument:
Steven Veatch

Western Museum of Mining and History:
Steven Veatch

Presidential Matters



A message from CSMS President John Massie:

I hope this finds everyone doing well. As the weather gets better our Summer activities will increase. We are working on several field trips for Summer 2021.

We have also agreed to participate in WMMI's family day on April 10, 2021. It will go from 10 AM to 3 PM. There will be tables set up with information about CSMS.

If everything goes right we will return to regular meetings in June.

John Massie
President

A message from CSMS Past President Sharon Holte:

The Colorado Springs Mineralogical Society recently received the 2020 writing awards from the American Federation of Mineral Societies.

Steven Wade Veatch received Seventh Place for his Adult Poetry article, "Wealth Comes to Just a Few." Steven also received a pin, "Best of the Best / Top Ten in North America" for this article.

Ben Elick received Sixth Place for his Adult Poetry article, "Only Me and the Mountain." Ben also received a pin, "Best of the Best / Top Ten in North America" for this article.

Gavin Seltz received First Place for his Junior Poetry article, "Mammoth Site." Gavin also received a pin, "Best of the Best / Top Ten in North America" for this article, as well as the First Place Junior Poetry plaque.

Steven Wade Veatch also received First Place for his Adult Advanced article, "Duria Antiquior," submitted and received by the Lake George Gem and Mineral Club.

Congratulations to all the writers who submitted articles for the Pick & Pack for 2020. Thank you, for your continued participation for writing articles for us.

Sharon Holte
Past President



John Emery
Editor

Thanks to our contributors. We encourage everyone to submit articles, photos, illustrations or observations. Don't be shy.

Share your experiences, your new finds, or simply your enjoyment of our last field trip.

Handwrite it, type it, or email it. Format does not matter. All submissions are welcome. The **DEADLINE** for items to be included in the next Pick & Pack is the **last day of the 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 can be submitted at resolutions above 200 dpi in ANY format.

Articles are preferred in MS Word, preferably NOT pdf.

e-mail to the editor:
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.

Classifieds and Announcements

FAMILY DAY!

Western Museum of Mining and Industry
North Gate Blvd South of AF Academy



Photo: Western Museum of Mining and Industry

Apr 10 10 AM - 3 PM

- Geology - themed activities and demonstrations for the family
- Live broadcast of Mike Boyle's "Lunch Bunch" Radio Show
- Food provided by Rocco's Italian food truck - super delicious Italian food! *Viva L'Italia!*
- Supported by wonderful volunteers from our wonderful CSMS
- Check other amazing happenings at WMMI: <https://wmmi.org/welcome.html>
- **IT'S LOCAL!** Just off North Gate Blvd south of the AF Academy.
- Bring a mask; COVID restrictions apply

Classifieds and Announcements

Call for Speakers!

Dr. Richard Sauers, Curator at the Western Museum of Mining and Industry (WMMI) is calling for speakers to visit WMMI and present one of the "Second Tuesday" lectures this year. Currently WMMI is doing taped presentations and posting them to their website for a time. They hope to switch back to live presentations sometime this year.

If you are interested in presenting, please contact the editor:

csmseditor@hotmail.com

Rock Slabs for Sale

Inventory of 60 rock slabs for sale, some rare, from western U.S. area and Canada.

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Pick & Pack
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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 newsletter 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 PM at Mt. Carmel Veterans Service Center; 530 Communication Circle, Colorado Springs, CO 80905
- Visitors are always welcome.
- Individuals—\$30, Family—\$40, Juniors—\$15, Corporate—\$100.
- Find the application at the web site: www.csms1936.com. 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.

Meetings:

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, Lapidary Group, and Pebble Pups/Juniors. For details on Satellite Group meetings, check out the calendars on page 2 and the web site.

Membership Benefits:

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* (carry your card), a year of learning and enjoyment, plus a lifetime of memories.

Colorado Springs Mineralogical Society is a Member of the following organizations:

- American Federation of Mineralogical Societies (AFMS) www.amfed.org
- Rocky Mountain Federation of Mineralogical Societies (RMFMS) www.rmfm.org