

THE BULLETIN OF THE COLORADO SPRINGS MINERALOGICAL SOCIETY Published Since 1960

Colorado Springs
Mineralogical Society
Founded in 1936
Lazard Cahn
Honorary President
May 2019
PICK & PACK
Vol 59 Number 4

CSMS General Assembly

Thursday, May 16, 7:00 PM

Speaker: William Arnson

Topic: "Making Jewelry - Show and Tell"

Please note: Members whose names begin with A-L are responsible for refreshments in May

****In case of inclement weather please call**
Mt. Carmel Veteran's Service Center 719 309-4714**

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Photo courtesy of Frank Rosenberg

MAY PROGRAM

William "Bill" Arnson has been an active member of the Colorado Springs Mineralogical Society since 2003 and has been crafting jewelry for many decades. He is the Jewelry Group leader for the club and is encouraging all members - new and old - to bring their jewelry made from fossils and mineral specimens to the May meeting for a Show and Tell session!

CSMS Calendar

May & June 2019

- Thu. **May 2, Jun 6** ----- **Board Meeting** 7p.m., Pikes Peak United Methodist Church
- Tue. **May 7, Jun 4** ----- **Fossil Group** 7p.m., Methodist Church, Jerry Suchan, 303 648-3410
- Thu. **May 16, Jun 20** ---- **Pebble Pups, Jrs.** 5:30p.m., Mt. Carmel Ctr., Steve Veatch, 719 748-5010
- Thu. **May 16, Jun 20** ---- **General Assembly** 7p.m., Mt. Carmel Center
- Thu. **May 16** ----- **Show Meeting** 6:15pm Mt. Carmel Center, Lisa Kinder
- Thu. **May 23, Jun 27** ---- **Crystal Group** 7p.m., Mt Carmel Ctr. Kevin Witte, 719 638-7919
- Faceting Group** Will resume meeting in September, Bill Massie
- Appointment Only ---- **Jewelry Group** Bill Arnson, 719 337-8070
- Appointment Only ---- **Lapidary Group** Sharon Holte, 719 217-5683

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

Leonardo da Vinci at the Colorado School of Mines, Arthur Lakes Library: In addition to the **Leonardo da Vinci: 500 Years of Genius** exhibit now in progress at the Denver Museum of Nature and Science (see <https://secure1.dmns.org/leonardo-da-vinci-500-years-of-genius>), there is another excellent exhibit about his work, currently on display at the Lakes Library on the CSM campus. The **Machines of Change: The Da Vinci Machines** exhibit includes “over 60 authentic reproductions of machines and devices designed by Leonardo DaVinci were created using similar materials, building techniques and tools that Leonardo would have had access to in his time”, plus full-size reproductions of Leonardo’s most famous paintings. The exhibit, free to all visitors, is spaced around the corridors and reading rooms of the main floor of the library. Library hours are 8 a.m. to 8 p.m. most days, 12 to 6 weekends.

Sat., May 5, 11 a.m. to 2:45 p.m., Colorado Mineral Society Silent Auction, Holy Shepherd Lutheran Church, 920 Kipling St., Lakewood. Checkout begins at 2:45 p.m.; all are welcome; for more info, see www.coloradomineralsociety.org or contact Ben Geller, 303-550-5993 or email auction.coloradomineralsociety@gmail.com

Thurs., May 9, 7:30 p.m., Friends of Mineralogy, Colorado Chapter, bimonthly meeting: featuring Marty Houhoulis, of Westcliffe, CO, on “Collecting Garnet”. Marty will talk about his longtime experience field collecting garnet crystals, particularly at Ely, Nevada, and other locations as well (including Sonora, Mexico). The previously scheduled talk, “Rhodochrosite from the Capillitas mine, Argentina” by David Stout, had to be rescheduled to a future date. Meeting in Berthoud Hall, Room 109, Colorado School of Mines campus, Golden. All are welcome.

Fri., May 10, 2:00 p.m., Denver Museum of Nature & Science, Earth Sciences Colloquium, [note 2 p.m. start time; a 2nd talk follows at 3:00] “The dinosaur resurrection: Modern birds, and their rise from Chicxulub’s ashes”; Dan Field, Univ. of Cambridge. VIP Room, DMNS; all are welcome, museum admission is not required.

2nd presentation this same day: **Denver Museum of Nature & Science, Earth Sciences Colloquium, 3:00 p.m.: The end-Permian mass extinction from a high southern paleolatitude perspective,** by Chris Fielding, Univ. of Nebraska.

(Continued on page 5)

Rock & Stone Sale

Minerals, Faceting Rough

We have acquired too many rocks!



Fluorite, Quartz, Halite, Petrified Wood, Topaz, Obsidian,
Faceting Rough, Aquamarine, and Lots More! Come

see.....**2 Days Only!**

May 10-11, 2019

9:00am - 4:00pm

5309 Flintridge Drive

Colorado Springs, CO 80918

CSMS Field Trips 2019

May 25, 2019 Rocky Mountain High Claims,
Florissant CO
Collectible Minerals - Quartz, Fluorite
Leader : Frank Rosenberg
Contact : fs_rosenberg@hotmail.com
Status : **Confirmed**

June 8, 2019 Harvey's Claim, Hartsel CO
Collectible Minerals - Barite
Leader : Norma & Roger Rhodes
Contact : normajalexander@gmail.com
Status : **Confirmed**

June 22, 2019 Dinosaur Trackways, Eagle Co.
CO
Plus Dinosaurs Fossils and collecting in Marine
Layer
Leader : Mike W.
Contact : mwebbstudent@yahoo.com
Status : **Confirmed**

June 15, 2019 Topaz Mountain Gem Mine,
Tarryall CO
Collectible Minerals - Topaz, Quartz
Leader : Norma & Roger Rhodes
Contact : normajalexander@gmail.com
Status : **Confirmed**

July 13, 2019 Smoky Hawk Mine,
Lake George CO
Collectible Minerals - Amazonite, Quartz
Leader : Norma & Roger Rhodes
Contact : normajalexander@gmail.com
Status : **Confirmed**

July (TBD) Devils Head, Woodland Park CO
Collectible Minerals - Quartz, Topaz
Leader : Needs a Volunteer
Status : **Tentative**

August 10, 2019 Fossil Ridge, Kremmling CO
Collectible Fossils - Ammonite, Clams
Leader : Bill Wyatt BLM Paleontologist
Contact : mwebbstudent@yahoo.com
Status : **Confirmed** - with Summit Historic So-
ciety

August 24, 2019 Sedalia Mine, Salida CO
Collectible Minerals : Garnet
Leader : Mike W
Contact : mwebbstudent@yahoo.com
Status : **Confirmed**

August 25, 2019 Calumet Mine, Salida CO
Collectible Minerals : Epidote, Quartz
Leader : Mike W
Contact : mwebbstudent@yahoo.com
Status : **Confirmed**

September (TBD) Red Feather Lakes CO
Collectible Minerals - Quartz
Leader : Mike W.
Contact : mwebbstudent@yahoo.com
Status : **Tentative** - with Mile High RAMS

September 21, 2019 CF&I Fluorspar Mine,
Wagon Wheel Gap CO
Collectible Minerals - Fluorite, Barite
Leader : Mike W.
Contact : mwebbstudent@yahoo.com
Status : **Confirmed**

**We are always in need of volun-
teers to lead and/or assist with
many of these field trips!**

If you have previously visited any of the
“TENTATIVE” marked areas and know your
way around the digging areas, please let
one of us on the Board know so that we
can facilitate that trip!

There may be additional and/or new trips
added as the summer months get closer -
check the upcoming Pick & Pack issues for
revisions and updates!

(CONTINUED FROM PAGE 2)

Tues., May 14, Colorado Scientific Society Annual Emmons Lecture, by Dr. Mark Barton, Univ. of Arizona, Lowell Institute for Mineral Resources, topic and location TBA. This public presentation will take place in conjunction with a 2.5-day USGS-CSM-CGS joint Mineral Resources Forum.

Tues., May 16, 10:30 a.m., USGS Rocky Mountain Science Seminar, It's not just about nitrogen and phosphorus: Why sulfur in agriculture is a growing concern. Eve-Lyn Hinckley, CU-Boulder. Building 25 auditorium, Denver Federal Center; visitors are welcome. Enter Building 25 at entrance E-14, by the security guard's station.

Sun., May 19, Friends of Mineralogy, Colorado Chapter, Silent (+Vocal) Auction. 12 p.m. to 4 p.m., Clements Community Center, 1580 Yarrow St., Lakewood CO. All are welcome to attend.

Sun., May 19, 8:15 a.m. – 5:00 p.m., Colorado Scientific Society, Spring Field Trip, **“Denver Basin Geology and Its Rich Cultural, Mining, and Industrial History”**. Stops, all near Golden, will include the Magic Mountain paleo-Indian archaeological site; the Chieftain clay mine; the sites of the White Ash and Loveland coal mines; and the Quaternary geology of Clear Creek. Led by Mark Mitchel (Paleocultural Research Group), Jason McGraw (General Shale Brick Co.), Donna Anderson (Colorado School of Mines) and David Lindsey (USGS). Interested non-members are invited to join the CSS for this trip, if they pay a \$10 fee to join the trip. If you wish to come, please contact Cal Ruleman in advance, cruleman@usgs.gov, 303-236-7804; leave your name, email address, and cell phone number. The trip will meet and car pool from the west end of the Woolly Mammoth Rideshare Lot, on the south side of US-40, west of the I-70/US-40/Highway 93 interchange, exit 259 (meet at the Lariat Loop kiosk, at the west parking lot entrance opposite the Exxon gas station). For more info see <http://coloscisoc.org/>.

Tues., May 30, 10:30 a.m., USGS Rocky Mountain Science Seminar: **Levering published geological information in Macrostrata to test Earth systems hypotheses:** Shanan Peters, Univ. Wisconsin, Madison.. Building 25 auditorium, Denver Federal Center; visitors are welcome. Enter Building 25 at entrance E-14, by the security guard's station.

Fri.-Sat.-Sun., May 31-June 2, Pikes Peak Gem & Mineral Show, Norris-Penrose Event Center, 1045 Lower Gold Camp Road, Colorado Springs, CO 80905. Sponsored by the Colorado Springs Mineralogical Society. **Hours: 12 - 7 pm Fri., 10 - 5 Sat, 10 - 4 Sun.** Adult admission \$5.

Tues.-Wed.-Thur., June 4-6, Two rock and mineral + geology classes for educators, with registration and teacher recertification credit through the Colorado School of Mines Teacher Enhancement Program. See <https://te.csmospace.com/register.php>, Summer 2019 courses, for **Rocks & Minerals, June 4-5**, CT-9666-19D, fee \$110, 1.0 credit hour; and **Walking Tour of Building Stones in Denver, June 6**, CT-04131-19D, fee \$80, 0.5 credit hour; plus many other classes available through CSM. One of the other classes is **Dinosaur Ridge Teacher's Workshop, July 9-10**, CT-9206-19M, fee \$125, 1.0 credit hour.

Wed., June 5, 3:00 p.m., Denver Museum of Nature & Science, Earth Sciences Colloquium, **“Deciphering dinosaur lives: From microscopes to Madagascar”**; by Kristi Curry Rogers, Macalester College. In Ricketson Auditorium (not in VIP Room) DMNS; all are welcome, museum admission is not required.

Mon., June 10, 3:00 p.m., Denver Museum of Nature & Science, Earth Sciences Colloquium, **“Cursed seashells: Deciphering one of the most ubiquitous Paleozoic fossils, Rafinesquina”**; by Ben Dattilo, Purdue University. In Community Room (3rdFloor), not in VIP Room, DMNS; all are welcome, museum admission is not required.

It's Not Too Late...

...to reserve a display case for the upcoming show! See pages 13-14 for an Exhibit Application and Case Dimensions

PEBBLE PUPS CORNER

CSMS Pebble Pups & Earth Science Scholars



The Earth Science Scholars & Pebble Pups meet at the Mt. Carmel Veterans 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>

Pikes Peak Pebble Pup Member on KCME's Culture Zone By Steven Wade Veatch

Jonathan Hair, a member of the Pikes Peak Pebble Pups and Earth Science Scholars, was interviewed by KCME's Keith Simon in Colorado Springs on April 29, 2019. Simon is the producer of *The Culture Zone* where Jonathan's interview will air. *The Culture Zone* is a weekly mix of interviews and music. The program is recognized for spotlighting cultural events and personalities in the Pikes Peak region. *The Culture Zone* airs each Sunday at 5PM and Monday 7PM on KCME radio. 88.7 FM.



Jonathan Hair, Earth Science Scholar, at the KCME studios. Photo by B. Hair.

Simon interviewed Jonathan about his recent presentation at a joint section meeting of the Geological Society of America at Manhattan, KS sponsored by Kansas State University. Jonathan described his experience there and how exciting it was to win one of the top student awards for his presentation. Jonathan also discussed the Pebble Pup program and the opportunities it provides the youth of the Pikes Peak region. During the interview, Jonathan said, "I plan to be a petroleum geologist. Next semester I will start geology classes at Pikes Peak Community College while still attending high school." Jonathan is 15 years old and in the 10th grade.

(Continued on page 7)

KCME is the region's leading source of classical music and cultural programming. Broadcasting twenty-four hours a day, the station acts as a cultural hub and elevates the arts in southern Colorado. KCME has broadened its services to other communities with translators serving Manitou Springs, Cripple Creek/Victor, Salida/Buena Vista, Cañon City/Florence/Penrose, and Summit County. By broadcasting its signal over the Internet the entire world can tune into KCME.



KCME studios in Colorado Springs, Colorado. KCME is a leader in Classical music programming. Photo by S. Veatch



Steven Veatch (L), Keith Simon (C), and Jonathan Hair (R) discuss the Pebble Pups at the KCME studios. Photo by B. Hair

(CONTINUED FROM PAGE 7)

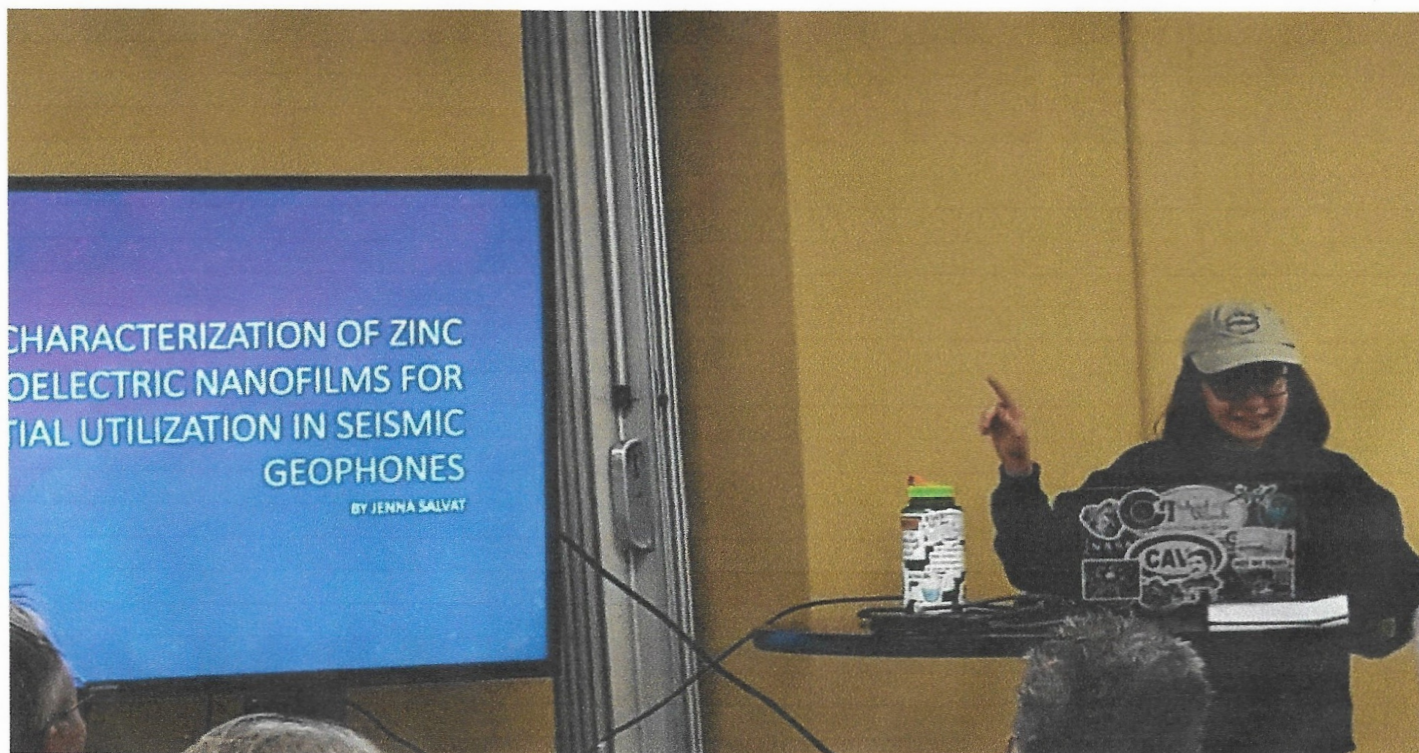
EARTH SCIENCE SCHOLAR TAKES SECOND PLACE AT PIKES PEAK REGIONAL SCIENCE FAIR

Jenna Salvat, a Pikes Peak Pebble Pup and Earth Science Scholar, took 2nd place in the Senior Physical Sciences category on Saturday, February 23 at the Pikes Peak Regional Science Fair. The fair was held at the University of Colorado at Colorado Springs. The title of her project was: "A Geochemical Analysis of Metamorphic Lithologies Surrounding the Creek and Victor Diatreme."

Jenna has also won these additional awards for the same project at the science fair:

- AFCEA Senior 2nd place
- American Association of University Women
- Association for Women Geoscientists
- Colorado College Excellence in Rocky Mountain Regional Research 2nd place
- Georgia & Charlie Matteson Award
- Mu Alpha Theta
- NASA EARTH System Science Award
- UCCS Dept. of Chemistry & Biochemistry

Jenna has been a continuing member of the Colorado Springs Mineralogical Society's Pebble Pup program (a unit of the Pikes Peak Pebble Pups) since elementary school. Jenna has made an endless number of contributions to the program over these many years. The Pikes Peak Pebble Pups and Earth Science Scholars is made up of the young members of the Colorado Springs Mineralogical Society and the Lake George Gem and Mineral Club.



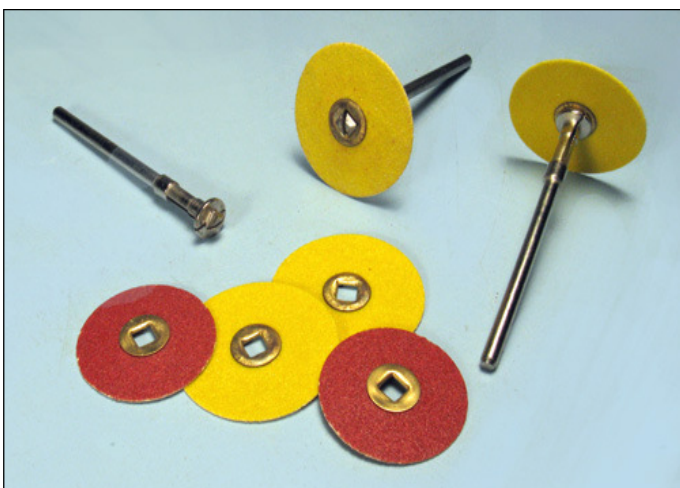
Jenna Salvat at the March general assembly enthusiastically presents an intriguing research project entitled ***"Synthesis and Characterization of Piezoelectric ZnO Nanofilms for Potential Use as Electromechanical Seismic Sensing Material"***. Photo courtesy of Frank Rosenberg

Brad's Bench Tips

SANDING DISKS

One of my favorite flexshaft tools that saves a lot of time is the snap-on sanding disk (**right**). I mainly use the medium and fine grits but sometimes like the very fine ones sold for working with platinum.

Ordinarily, you'd think of placing the disk on the mandrel with the grit side facing away from your hand, but notice that you end up with your elbow up in the air. Instead, try flipping the disk so that the grit side is towards your hand. It's a much more comfortable position because the elbow is down near your side, and it lets me hold the work up close where I have a better view of what I'm sanding.



I use these snap-on disks (**pictured at left**) so frequently that I keep multiple mandrels with different grits already mounted in the burr stand. Some mandrels have the grit facing out and some facing in.

EASIER PRONG SETTING

When setting stones in a prong mount, the tool is less likely to slip off the prong if you grind a groove into its face or rough up the face a bit with sandpaper. Some folks prefer a prong pusher for doing this, and others like a set of pliers.

The easiest way to create a slot on the pusher is with a file, and the easiest way to create a slot on one jaw of your pliers is with a cutoff wheel. Then do a rough polish on the slot with a medium grit, knife-edge silicone wheel.

Solve Problems & Be More Productive With Brad's
"How To" Books: [Amazon.com/author/bradfordsmith](https://www.amazon.com/author/bradfordsmith)



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

Bill Arnson, Member-at-Large

Ernie Hanlon, Past President

2019 CSMS CHAIRPERSONS

John Massie, Program Coordinator

John Massie, Show Volunteer Coordinator

Mike Webb, Field Trip Coordinator

Steven Veatch, Science Fair Chair

Frank & Ellie Rosenberg, Librarians

Mark Schultz, Social Committee Chair

Ann Proctor, Store Keeper

Lisa Kinder, Show Chairman

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 - 3/18/19

CSMS General Assembly Meeting - March 18, 2019

- I. Our President, Sharon Holte called the Meeting to order at 7:05 p.m.
- II. Pledge of Allegiance
- III. John Massie introduced one guest. A first-time member, Janette Carl was present
- IV. Program –John Massie introduced the speaker, Jerry Suchan who spoke on the topic: “CSMS Study Group’s Collection of Fossils at Glen Erie in August 19
- V. Break for 20 minutes: for drinks, cookies, and door prizes
 - a. There were about 40 members at this meeting, 5 minerals were given out to:
 - b. Donations of nice minerals - Barbara Middlemist donated a pyrite specimen
- VI. We still need a Secretary!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
- VII. Officers’ Reports
 - a. President – Sharon Holte
 - i. Sharon gave an award to Jonathan Hair for his presentation at the Annual Geological Society Meetings where Jonathan received the Student Award. Steve Veatch said that he is the third Pebble Pup to be so awarded
 - ii. Sharon thanked John Massie, Frank Rosenberg and Kevin Witte for contacting Marilyn Lee and emptying the case at the Old Colorado City Historical Center
 - iii. Calendar of Deadlines
 - iv. RMFMS Convention in Prescott, Az on August 2, 3, 4, 2019 - Mike Nelson is not able to attend, Sharon asked for a volunteer
 - v. The application for the trailer tags was submitted by Roger Pitman to the Treasurer
 - vi. The Secretary Binder will be put into the public records at Pikes Peak Library
 - vii. Florissant Annual Contribution – the check will be delivered by John Massie and Steve Veatch
 - b. Vice-President – John Massie
 - i. August Picnic Discussion – The picnic will be held in the parking lot of the Mining Museum, no fees are required. There will be potluck food, silent auction and tailgate sales (by members only). Holding the Picnic was moved on and approved
 - ii. Volunteers for Show -John announced that the sign-up sheets were on the tables and urged people to volunteer
 - iii. Silent Auctions – Members who donate specimens should make labels for them. The specimen can be brought to the meetings
 - iv. Speakers:
 1. May 16, Bill Arnson / Making Jewelry – Show and Tell
 2. June 19, Amber Sanderson / Staking Unpatented Claims on Federal Land
 3. July 18, Roger Pittman / Mineral Collecting Locations in Colorado
 4. August _no meeting / no speaker
 5. September 19, Bob Hickey
 6. October 17, Ben Elick / History of CSMS Pebble Pups
 7. November 21, Tracie Cardwell / TBD
 - c. Treasurer _ Ann Proctor said we have pins and have ordered T-shirts for the Show
 - d. Secretary (s) Sharon Holte and Adelaide Bahr – no report
 - e. Membership Secretary – Adelaide Bahr announced two first-time memberships: Jeanette Carl and Danny and Connie Inman
 - f. Editor – Taylor Harper – Taylor wants to be notified if people do not receive the Pic & Pac
 - g. Member at Large – Laurann Briding - absent
 - h. Member at Large – Bill Arnson requested people bring jewelry specimens for the May meeting
 - i. Website Coordinator – Lisa Kinder - the Crystal Group is now on the Web Site -
 - j. Show Chairman – Lisa Kinder
 - i. Members volunteered to distribute announcements; Old Colorado, Manitou, Canyon City (Renee), Downtown Colorado Springs (Susie), Fountain (Mark), Academy, Woodman, Monument (various members)

(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, Steven Veatch

(CONTINUED FROM PAGE 10)

ii. Publicity – Coupons for \$2 will appear in the ValPac, the publication reaches 80,000 homes. Lisa has mailed 3000 cards to Rock Shops and Clubs. She has opened a Facebook site for the Show

iii. Time Change – The Friday hours will be 12-7 instead of 10-5 in order to attract people leaving work

iv. Scavenger Hunt – Lisa requested 10-12 question submissions. Kids get a free mineral specimen when they turn in the filled out sheet

v. Renovations of Venue – The hall has new white paint and a new roof. The status of the bathroom and the electrical outlets is still unknown

vi. Exhibits - Bob Landgraf needs more people to submit exhibits

vii. Geological Society - Frank Rosenberg will contact Pete Modresky who has retired to see if the Society can staff a table

VIII. Satellite Groups

a. Crystal Group – Kevin Witte announced the meeting the following Thursday

b. Faceting Group – John Massie said the group will not meet in May

c. Pebble Pups – Steven Veatch described Jonathan success at the Geological Society Meeting

d. Fossil Group – Jerry Suchan – the next meeting May 7 will be about Fossils of the Minturn Formation

e. Jewelry Group – Bill Arnson, by appointment only

f. Lapidary Group – Sharon Holte, By appointment only, please call Sunday evening after 6:30 p.m.

g. Field Trips – Mike Webb was absent / Sharon Holte announced preliminary trips: Book Cliff in May, Flat Top Mountain in June, Fossil Ridge in July

IX. Liaisons

a. Claims – Frank Rosenberg will organize a trip to the new claim as soon as the weather is stable.

b. Library – Ellie Rosenberg proposed to purchase a book in honor of Jack Thompson

c. Social Coordinator – Mark Schultz thanked all who brought food and announced he will make decaf at the next meeting

d. Store Keeper – Ann Proctor – no report

X. Unfinished Business - none

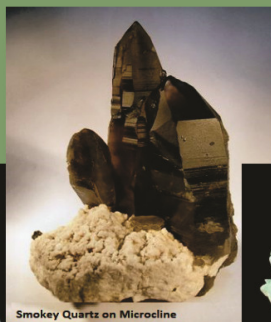
XI. New Business - none

XII. Meeting was adjourned by our President, Sharon Holte at approximately 8:40 p.m.

56th Annual

Pikes Peak Gem, Mineral, & Jewelry Show

Featuring: Specimens of Colorado



Fri., May 31, 2019, 12 pm-7 pm / Sat., June 1, 10 am-5 pm / Sun., June 2, 10 am-4 pm
Adults \$5.00 / 3-Day Pass \$8.00 / Kids 12 & Under FREE

NORRIS-PENROSE EVENT CENTER, 1045 Lower Gold Camp Road, Colorado Springs, CO

Colorado Springs Mineralogical Society
csms1936.com

PikesPeakGemShow.com
ppgmjshow@gmail.com

April 26, 2019 - A small group of us had an impromptu trip to the club's new claims in Lake George. Photos courtesy of Frank Rosenberg and Chris Burris



John Massie hits paydirt and can hardly contain his excitement!



Mike Shilling gets a good look at a promising location. I spy a cat litter bucket!



Chris Burris and Sharon Holte are hard at work looking for the next pocket.



At the end of the day, it's good to be able to show the fruits of your labor. A little soaking and scrubbing will enhance the color of these beauties!

The Colorado Springs Mineralogical Society
Pike's Peak Gem & Mineral Show

May 31-June 2, 2019

Norris Penrose Indoor Event Center, 1045 Lower Gold Camp Rd
Colorado Springs, CO.

Request for NON-COMPETITIVE Display Space

Name:

Society:

--	--

Address:

--

Phone:

Email:

--	--

City:

State:

Zip:

--	--	--

Exhibitors are urged to bring their own cases. A limited number of club cases are available upon request. Exhibitors using club cases will need to furnish any risers, linings, padlock or accessories as needed.

EACH CASE WILL BE LIMITED TO 150 WATTS.

Describe Display or Displays:

--

<input type="checkbox"/>	I will bring my own display	Your case length	#of cases
<input type="checkbox"/>	I will need a case*	Case size desired	#of cases

* CSMS cases are approximately 36" by 24" outside measurements. A few 4-foot cases are generally available. There is a hasp on the case that accepts an exhibitor-supplied padlock.

Setup is from 12 PM to 7 PM on Thursday May 30 or 8 AM to 12 PM on Friday before the show opens. Note new show hours for Friday. Tear down is 4 PM to 9 PM on Sunday.

Please note by checking for eligibility for case judging: (details next page)

This is a Pebble Pubs Case _____ Case eligible to be judged for the Chris Christensen Award _____

Signature of Non-Competitive Exhibitor: _____

With the signing of this request, email submission of this document or showing up with an exhibit, it is mutually agreed that the Colorado Springs Mineralogical Society and the Norris Penrose Indoor Event Center shall not be liable to any exhibitor for damage, loss or destruction of any exhibit or injury to his person for any cause and all claims for injury are expressly waived by the exhibitor.

Please return via mail or email by
May 22 to reserve a case and exhibit space.
After May 22 exhibitors are still welcome
based upon availability of cases and space.

RETURN TO: Bob Landgraf
304 Palmer Trail
Manitou Springs, CO 80829
719-685-1364
rmlwp74@aol.com

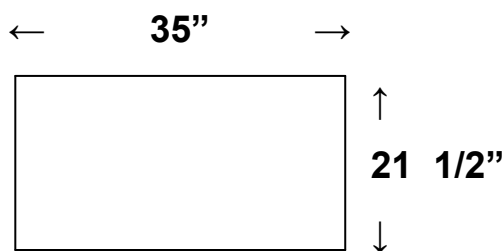
Details on case judging...there are THREE awards that may be given for exhibits at the 2019 show:

1. The People's Choice award based upon a tally of the public entering their votes for the case they liked best.
2. The Pebble Pups award for best judged Pebble Pups Case. Must have two or more entries for Pebble Pups entries to be judged.
3. Chris Christensen award for the best-case containing specimens that were either field collected by the exhibitor or self-made by the exhibitor. Exhibit must not have been used as a prior competitive exhibit. Must have two or more qualifying entries for this category to be judged.

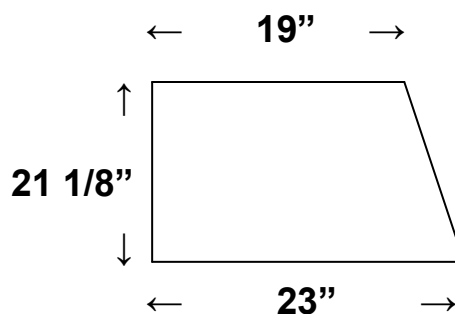
The Colorado Springs Mineralogical Society Case...

All measurements are inside measurements. However, since all cases are handmade there may be some slight variations in actual size. Be sure to bring any necessary tools required to make adjustments to your liners.

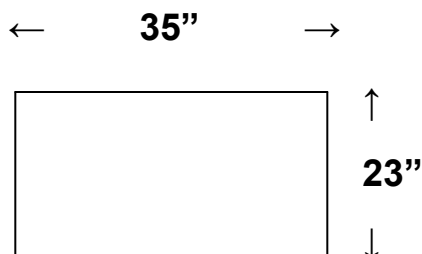
BACK



SIDES



BOTTOM



Our Staff...

Taylor Harper—Editor

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

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 welcomed. The DEADLINE for items to be included in the next Pick & Pack is the **20th of the preceding-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

Classifieds & Announcements

The May general assembly meeting is
"Show and Tell"
of your jewelry
that is made from Minerals & Fossils

Please bring yours!!!



2019 Wyoming State Mineral and Gem Show
Featuring
The Great Agate Roundup

Hosted by the
Wyoming State Mineral and Gem Society,
Cody 59ers Rock Club, and Shoshone Rock Club

June 21, 22, & 23
Cody Auditorium, Cody Wyoming
1240 Beck Ave Cody, WY
Friday 10-8 Saturday 10-6 Sunday 10-4
\$4 Adults K-12 \$2 Preschoolers Free

Demonstrations/Displays
Fluorescent UV Display
Wirewrapping
Flintknapping
Cabachon Making

Multi State Dealers
Jewelry / Beads
Fossils
Gems
Minerals
Lapidary Supplies

Educational Activities
Mineral / Rock ID
Kids Activities
Guest Speakers
Field Trips
Exhibits/Showcases

WYstaterockshow@wsmsg.org



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

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.rmfmts.org