

PICK & PACK

THE BULLETIN OF THE COLORADO SPRINGS MINERALOGICAL SOCIETY Published Since 1960

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Volume 45 Number 6

CSMS/RMFMS Show a Big Success

One of the best rock shows of 2005

The 2005 Pikes Peak Gem and Mineral Show is now over and only the memories exist, but what memories they are. This year's show was the biggest and one of the best ever held by the Colorado Springs Mineralogical Society. We were also honored to host the Rocky Mountain Federation of Mineralogical Societies in conjunction with our show.

Our star presenter this year was Michael Wise from the Smithsonian Institution who gave two terrific presentations. Mr. Wise gave a fascinating lecture on Sunday about North American gemstones. The highlight, however, was his presentation at the Rocky Mountain Federation banquet on Saturday night, where he spoke about the emeralds of Hidden, North Carolina.

The Smithsonian also allowed the CSMS to display three of its treasures: the Post



Oviraptor from the Rocky Mountain Dinosaur Resource Center

diamond tiara, worth more than \$1 million, and reproductions of the Tavernier Blue Diamond and the French Blue Diamond, faceted from cubic zirconia by a team including Nancy Attaway, a vendor at our show. The tiara and diamonds generated great interest from visitors and required an armed guard. For more information on the diamond reproductions, see http://www.attawaygems.com/NMFG/Program_Scott_Sucher_Hope_Diamond.html.

Additional presenters included our own Jack Thompson; club favorite Pete Modreski from the USGS; Barbara Muntyan on *Ama-zonite and Friends*; James Hurlbut, *Diamonds of the Paul Seel Collection*; and Larry Havens on the Denver Museum of Nature and Science, *Micro Collection Now and What is Planned for It*.

The CSMS show was lucky to have some great displays this year. The Denver Museum of Nature and Science brought a rhodochrosite pocket from the Sweet Home Mine. The Rocky Mountain Dinosaur Resource Center was back again this year with an oviraptor. The Gold Prospectors brought back their gold panning again, always a crowd favorite. Bob Carlson displayed his

See **Show** on page 4

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 monthly to assist and promote the above.

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Mineralogical Society

Founded in 1936



Lazard Cahn

Honorary President



CSMS President Drew Malin assists Colorado Springs Mayor Lionel Rivera as he cuts the ribbon to open the show © R. Pittman 2005

PICK & PACK

Our Staff...

Ethan A. Bronner *Managing Editor*
Cindy Bronner *Assistant Editor*

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

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

The ability to write well is NOT a requirement. We will fix the grammar while keeping the author's voice, style and work intact.

Handwrite it, type it or E-mail it. Format does not matter. All submissions are welcomed.

DEADLINE for items to be included in the next month's issue is the fourth Friday of every month. To submit an item, please use the following:

Photos:
 For hardcopy photos, mail to the address below or bring them to the General Assembly Meeting. All photos remain the property of the submitter. All photos will be returned. Electronic photos should be submitted at resolutions above 200 dpi in TIFF or PICT format.

Articles:
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PRESIDENT'S CORNER

What a Show!

Welcome to all new members

Drew Malin



I'd like to start by thanking all of the members who helped make our 2005 show the biggest and best yet. This year's show went off with barely a hitch. Almost every vendor

increased their sales over last year and our attendance increased by about a thousand attendees. Special recognition needs to go to Lorrie Hutchinson, this year's Show Chairperson, as well as Roger and Pat Pittman for organizing the Federation portion of the show. Great job you guys!

Secondly, I'd like to extend a personal welcome to all of our new members who joined during and in the months leading up to the show. You have joined one of the fastest growing and most active mineral clubs in the country, and we are very glad to have you.

With over 50 new memberships—many, if not most entire families—it is now the club's challenge to make these folks feel at

home. I ask all existing members to seek out our newest members at our meetings



Drew enthusiastically recruiting new members

and field trips, and do your best to show them all the that the CSMS has to offer.

Rick Olson, our VP, has set up a special program for our new members at this month's general meeting. Instead of our usual guest speaker program, we will have representatives and displays from each subgroup in the club. This will be a unique opportunity for new members to get a feel for what each subgroup does in its specialization of our common hobby. All new members are encouraged to attend. This will be your only chance this year to see what the subgroups are about all at one time and place, and the subgroups are where most of the activities and field trips are planned.

As we continue into '05 I am happy to report that the CSMS continues to grow stronger.

The success of both The Pikes Peak Gem and Mineral Show and our club will continue to be the model of the way to introduce a renaissance to a gem and mineral club that has been in existence for almost 70 years. We can all be proud of our accomplishments so far, and the future looks bright for the CSMS. - Drew Malin



2005 Show Chairperson: Lorrie Hutchinson



An Introduction to Our New Members

July's General Assembly

The members of the Colorado Springs Mineralogical Society would like to offer a warm welcome to all of our new members. To help welcome you properly we will be holding a special format to our July General Assembly. At this month's meeting we will be giving a special presentation. Our organization is made up of several smaller groups that specialize in various areas of study. Since the field of mineralogy is made up of a variety of interests, we offer satellite groups, that specialize in each of these areas. To see a list of our satellite groups and their next meeting date and time, please see page 9.

Each month we hold a general meeting for all of our members at which we deal with club issues and business. Following a small break, we have guest presenters that offer discussions of various exciting topics.

This month's general meeting will forgo our usual format so that we can properly introduce our new members to our satellite groups. The July meeting will have a small presentation by each group leader. They will be describing their group's area of study or interest. They will be covering the most frequently asked questions about their group or function and will define what happens in typical group meetings and other activities.

Following our refreshment break, each group will have a table showing samples and specimens from their area of interest. This will allow both new members and existing members who are interested in a satellite group to ask questions



and get a feel for each area.

The CSMS board and group leaders wants to offer a warm invitation to both new and existing members.

Please come and be a part of this exciting General Assembly.

July 2005 General Assembly

Thursday, July 21, 2005, 7:30

**Colorado Springs Senior Center
1514 North Hancock Blvd.**

July's refreshments courtesy:
Fossil Study Group

Minutes...

June 16, 2005

There were no minutes taken at the June meeting. The meeting was used in its entirety to deal with last minute show issues and organize and inform volunteers.

CURRENT EVENTS

Gold Camp Road Decision

We have been closely following the details surrounding the possible reopening of Gold Camp Road and now the decision has been handed down. For those of you who haven't heard the results: The following came from The Gazette's website on July 8, 2005.

The U.S. Forest Service announced Friday it will allow traffic on a long-closed portion of historic Gold Camp Road - but only if someone else pays for it.

The decision is not a clear-cut victory for those who have sought for a decade to reopen the road to traffic, simply because there are daunting financial challenges to overcome before a single car winds its way up the twisty, 8.5 mile section of dirt road.

Pike/San Isabel Forest Supervisor Bob Leaverton said the road would be reopened only if non-Forest Service funds are found to repair the road and a partially collapsed railroad tunnel, a \$1.2 million job.

Further, the road would only be reopened if a third-party - maybe private, maybe public - agreed to operate the road during the summer months and absorb the expected \$50,000 a year cost of maintaining it.

Leaverton acknowledged that he couldn't see any group stepping forward to do that without charging users a toll or fee.

He said the decision is an acknowledgment that funding priorities in the federal government have changed and that money to repair and operate the road for vehicular traffic won't come from the U.S. Forest Service budget.

Editor's comment: Basically, it looks like the Forest Service has found the perfect public relations solution to this issue. They satisfy those in favor of opening the road that the Forest Service is OK with that happening. However, since the USFS doesn't have the money to pay for it, it is highly unlikely that Gold Camp Road will be reopened to automobile traffic. This, of course, satisfies those who are against the reopening. Who was the oracle that came up with this?

Show Promises to be a Gem

This year, our members in charge of advertising, Ruth Cook and Linda Laverty, did a great job getting the word out. For those of you who missed the write-up in the Gazette, below is a reprint.

A three-day gem and mineral show in Colorado Springs promises to give a tantalizing glimpse into how the other half once lived.

A priceless diamond tiara once owned by the Saxon royal family and the Archduchess Anna of Hungary will be one of the rare pieces on display at the 41st annual Pikes Peak Gem and Mineral Show, running Friday through Sunday at the Phil Long Expo Center.

Socialite Marjorie Merriweather Post, the cereal heiress, purchased the piece and later donated it to the Smithsonian Institution.

The renowned Washington-D.C. museum also will display a replica of the infamous Hope diamond, which French King Louis XIV wore in the 1660s and which later gained a reputation as a cursed stone as it traded hands through the centuries.

Collectors from Colorado and across a 12-state region will display collections of gems and minerals, said Jack Thompson of the Colorado Springs Mineralogical Society, which sponsors the event.

Some of the collectors will compete in judged events in hopes of winning admission into a national show, so Thompson said the collections promise to be high-quality.

There also will be plenty of educational exhibits, including a case of Colorado gemstones, both cut and natural, brought by the Denver Museum of Nature & Science.

There will be some exceedingly rare diamonds plucked from

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Show Continued from page 1

intricate Kachina dolls. New to our show this year were two model trains displayed by the Slim Line Model Railroad Club. The trains were an exciting addition to the show. Railroad club members each make their entire display. The settings at our show were all of historical Colorado mining towns.

Arguably one of the favorite exhibits this year, however, was the stunning display of Mt. Antero aquamarine from the collection of Brian Lees of Collector's Edge. These specimens will only be shown at our show and Tucson this year, so a big thank you goes to Brian for sharing them with us.

There were terrific display cases again this year. Thanks go out to all club members who put in a case. Congratulations go out to Ray Berry for winning the Federation trophy for Best Educational Exhibit this year. Ray and Eloise are going to have to get a bigger house to hold all their specimens and trophies!

Children attending found lots to enjoy at the Kid's Gem Mine again this year. Thanks to Montaine Bronner for her work running this area. The ever-popular Mr. Bones wandered the aisles again, chomping on unsuspecting visitors and delighting young and old. The Silent Auction provided lots of opportunities for bargains. Thanks to Ilona Vogt for running this popular event.

Another special feature of our show this year was the Rocky Mountain Micromount



Jim Bushnell and Mr. Bones



display featuring a sliding microscope that he designed and built. The micromounters had speakers and a swap and sale throughout the weekend.

While a final financial report is not yet available, gate attendance exceeded last year's total by more than 1,000 people. Advertising included fliers all over town, three full-color postcards mailed to out-of-town folks and a live remote broadcast on Sunday, Father's Day, with KCCS radio station.

President Drew Malin manned the information booth and spearheaded a membership drive. His enthusiasm for the club helped bring in more than 50 new members that weekend. Way to go, Drew!

Sadly, many clubs throughout the country are dwindling, yet the CSMS continues to grow

each year. Let's keep it up.

Post-show field trips this year included a trip to Gold Camp Road, led by Ray Berry; a trip to Hartsel and Canon City for beryl



and peridot led by Roger Pittman and Loren Lowe; and a trip to Florissant Fossil Beds led by Steven Veatch. Thanks to these club members for providing these opportunities. Everybody who went on the field trips enjoyed them.

All in all, the show was a great success. Special thanks go to the Canon City and Lake George clubs for their help with the show. Thanks again to the many members who helped make this show so great. Many thanks go to Show Chair Lorrie Hutchinson and President Drew Malin for all their efforts and Roger Pittman for his efforts as liaison with the Federation.



Report of Gold Camp Show Trip

"Flatlander" Lost and Found

Ray Berry

Thirty Nine people signed up for the post-show field trip, although at least two failed to show. There were 19 vehicles that actually entered at the south gate and were locked in until we all left.

Earle Stewart from Cheyenne, Wyoming brought up the rear of the cavalcade winding its way down I-25 and through the Broadmoor area about 8:30 AM. Earle had two radios, one of which he gave to me so we could be sure we didn't lose anyone. The Gold Camp road was actually in good condition, although we had to move some smaller rocks at several places along the road that could have been a problem to the several street autos that came on the trip.

Earle is also a fluorescent collector who provided the expertise for collecting zircons at the Eureka Tunnel site. His wife, Betty, stayed with the vehicles to provide security from possible vandalism. They stayed at that locality all day, and we picked them up about 4:30 as we left. Earle had found cryolite and

astrophyllite from sites nearby.

After lunch the rest of the troop proceeded to the old Fairview railroad siding, just over 6 miles from the south entrance gate. Al-



At the mouth of the Eureka Tunnel. © John Linder 2005

most all of the collectors were new members of CSMS or from other RMFMS clubs.

When I returned to the parking location about 3:30 PM, a family from Kansas were worried that one of their party had not returned. The deadline for return was 4 PM, and when that hour arrived and after much horn-blowing and whistling had not brought the missing 77-year-old down the slope, I took all the collectors except the Kansas party out to the gate. I then returned to Fairview and found the missing man was not at the car. He had been last seen at the top of the ridge in company with some of his people, and said he was going down the other side a ways to prospect. They then left him there!

I had the cell phone number of one of the forest rangers (who had wanted to go with us), so I called him first but could only leave a message. I then called 911, envisioning climbing back up the hill looking for the man (lost, injured or dead?), along with a search and rescue party. It was now about 5 PM.



© John Linder 2005

Continued from Sidebar page 4

Colorado's soil and a variety of quartz crystals found near Lake George, around Canon City and in Park County.

The museum also plans to display cases of microminerals, which require magnification to see but which boast perfect geometric patterns.

Experts will be on hand to identify gems and minerals brought in by the public, Thompson said.

To keep youngsters occupied, the society will sponsor classes on how to identify minerals, the building blocks of rocks. The kids will then be set loose on mounds of sawdust to scour for mineral specimens. Children also will be able to do some gold panning — and keep whatever riches they discover.

Thompson said the show is an opportunity for people to put a name to the minerals and quartz they often pick up in the mountains and carry home in their pockets. Thompson said he's run into a lot of Coloradans who are intrigued by rocks.

"A vast majority of people are fascinated by rocks, by their different textures and colors, yet they don't have the time or inclination to study them," he said.

Thompson became enchanted with minerals and gems 40 years ago, while developing film of specimens collected by local rockhounds. Today, he and his wife, Kaye, have three collections, including a thumbnail collection of minerals found worldwide.

Thompson, a past president of the Mineralogical Society, has lectured on minerals around the country and has displayed specimens in a number of museums.

The lure of stones?

"Most of them are plentiful," he said. "It's something you can find every place you go. And you get as much out of the hobby as you put into it."

June 16, 2005
by Bill McKeown
THE GAZETTE

Hope Diamond Traced to French Crown

WASHINGTON (AP) — Researchers using computer analysis have traced the origin of the famed Hope Diamond, concluding that it was cut from a larger stone that was once part of the crown jewels of France.

A French connection had been suspected for the Hope, but the new study shows just how it would have fit inside the larger French Blue Diamond and how that gem was cut, Smithsonian gem curator Jeffrey Post explained.

The deep blue Hope Diamond is the centerpiece of the gem collection at the Smithsonian's National Museum of Natural History, famed for its claimed history of bad luck for its owners. It's been good fortune for the museum, though, drawing millions of visitors.

Post said the new analysis of the diamond took a year, with researchers using sketches from pre-Revolutionary France, scientific studies of the French crown jewels and computer models.



"This new Hope Diamond research would not have been possible 10 years ago," said Post. "What is exciting is that we are constantly learning new information about our collections as we apply new high-tech research methods. Even the Hope Diamond is grudgingly giving up some of its secrets."

The research helps confirm the Hope Diamond as originating with a 115-

Continued in sidebar on page 7



After stating my location, name, and problem, I was put on hold for some time, and when the operator came back on she asked for name, age and description of the missing man. Again, she put me on hold for a short time, and when she came back on, she said the man had showed up at the Helen Hunt Falls visitor center, and the sheriff had taken him to his motel, the Comfort Inn very near our starting point! There were immediate tears and relief from his friends, and we then concluded the trip. This man will undoubtedly be subjected to unmerciful heckling from his family and friends in the Kansas City Club for years

to come!

I did not have a chance to interview any of them to get details after they were reunited, but I am sure he either became disoriented or too tired to climb back over the ridge, so he followed the St. Mary's Falls trail down Buffalo Creek to Helen Hunt Falls.

Otherwise, the trip was fun and all seemed to enjoy the area. Many had bags and pails of rocks and zircons from the tunnel. The best crystal specimen I saw was a 3/8 inch zircon from the Fairview area collected below the road.



Florissant Fossil Bed Fieldtrip

An exciting time and discovery

Steven Wade Veatch

I believe that the CSMS show's fossil field trip on Tuesday was perhaps the best field trip ever undertaken by the club. After a detailed presentation at the Woodland Park Library on the geology and paleontology of the Florissant Formation, the group drove to the Guffey Volcanic Complex and viewed the volcanos that formed ancient Lake Florissant. Next the group visited the Florissant Fossil Beds National Monument, where everyone ate lunch in the shade and then looked at the bookstore. This was followed by a presentation by one of the rangers on the natural history and paleo-environment of the monument. After a hike in the park, the field party went to the nearby commercial quarry where everyone found amazing fossils. One fellow had filled two crates with fossils. During the last five min-

utes of the monument. After a hike in the park, the field party went to the nearby commercial quarry where everyone found amazing fossils. One fellow had filled two crates with fossils. During the last five min-



utes of the field trip, as is often the case, an 11th-grade student made a major discovery. He had uncovered a remarkable fossil leaf about 7 inches long and 2 inches wide in perfect condition that had been preserved in sediments that formed in ancient Lake Florissant during the Eocene. Great excitement and activity followed this discovery. The clatter of shale being broken and discussion among the group quickly ended as everyone gathered around this young man to see the prized specimen leaf. A quiet excitement filled the mountain valley as the specimen was being revealed for the very first time.

Using standard paleontological techniques, the young man slowly extracted this remarkable specimen. The specimen was removed in fine condition. A period of celebration quickly followed. A number of images were made of the fossil. This ancient leaf from the Eocene will be studied by paleobotanists and become part of the paleontological

record of the Florissant Fossil Beds. Based on these images and with the help of this student, we will work together to describe this amazing specimen and get something published. The thrill of this discovery will



© S. Veatch 2005

remain not only with the teenager who discovered the fossil leaf, but with everyone who attended this field trip. This was perhaps the most exciting day in my paleo career, and I do know that the attendees of this trip will remember the excitement of this discovery and the fun that we had for a very long time.



The Hartsel / Peridot Field Trip

Reported by: Roger Pittman

We had limited the number of vehicles to 15 with the hope that there would be less confusion. And there were only 17 vehicles there, so our goal was pretty well met. We met in Hartsel at Dave's rock/jewelry shop to sign releases and had the opportunity to use our silver picks. Then we moved over to the barite claims. We had to keep a watchful eye on a curious herd of buffalo that were in the same field we were in, but they kept their distance. Everyone was able to pick up barite without digging, but the more energetic of us were digging in the seams, and they perhaps found slightly better quality specimens.

Around noon, we broke for lunch, and those who wanted to go search for peridot zipped across South Park to the Lone Tree



© R. Pittman 2005

location. Again, everyone was able to find the little Peridot specimens, many in matrix. Several of us went into Salida for dinner and ate at a micro brewery/pizza joint. With full tummies, we headed back to Colorado Springs through big horn sheep canyon and, yes, we did see big horn sheep.



Continued from Sidebar page 6

carat stone found in India in 1668. That stone was sold to King Louis XIV of France who had it cut into the 69-carat French Blue. The French Blue was stolen during the French Revolution.

Just over twenty years later, after the statute of limitations expired, a large blue diamond was quietly put up for sale in London, and eventually Henry Philip Hope purchased it.

Finally donated to the Smithsonian by jeweler Harry Winston, the now 45.52 carat stone is the world's largest blue diamond.

The team of researchers led by Post and Steven Attaway, engineer and gem cutter; as well as Scott Sucher and Nancy Attaway, gem cutting experts, compiled the new analysis.

While the French Blue no longer exists, Post said the sketches of it from France were quite detailed and allowed preparation of a computer model of that stone.

In 1700, French scientists had also studied several stones from the royal collection, determining their specific gravity and other details.

Their analysis of other stones that still exist was quite accurate, Post said in a telephone interview, so the researchers felt the data on the French Blue was also probably accurate.

After using the sketches and analysis to make the computer model of the French Blue, and at the same time measuring the Hope Diamond and entering that data into the computer, the researchers "virtually placed the Hope back inside the French Blue" Post said.

"It turns out it actually fits perfectly in only one way, but at that orientation, when you saw how it fit, you could see why it was cut the way it is," Post said.

"They cut the corners off the French Blue, changed slightly the angle of the bottom facets, and that produced the Hope Diamond," he said.

Indeed, some of the facets of the current diamond may even be left over from the French Blue.

By Randolph E. Schmid
Associated Press posted:
10 February 2005

2005 Fieldtrips

23 July - Saturday, 9:00 a.m

Lake George: Amazonite, Smoky, Fluorite

Rich Fretterd will be leading a trip to the Holy Moses claim near Lake George. Meet at the Lake George Ranger Work Center.

Four wheel drive is recommended. Bring hard rock tools, sunscreen, water, food, etc. Be prepared to dig in the dirt. Contact Rich Fretterd at 687-0671.

Check our website Calendar for an updated list. www.csms.us

Help Wanted

I'd like to ask your assistance. Due to recent staff changes, the Museum has the opportunity to hire a part time teacher/tour guide. We have found that our best staff members have come to us through referrals. You know what kind of work we do (and how much fun it is!), so when you recommend us to your friends and family,

Job title: Part Time Teacher/Tour Guide

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Job skills may include a unique mixture of: Teacher. Storyteller. Historian. Outdoors Person. Horse Person. And more!

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Please contact:

**Brad Poulson
Education Director
Western Museum of Mining & Industry
Visit our web site: www.wmmi.org
719-488-0880**

A Final Word from Our Federation Liaison

The 2005 Show: Roger Pittman's View

What a show! In my opinion, this show was our biggest and best show ever. We had great special displays, including the Post



Mt. Antero Aquamarine - Collectors Edge

tiara, a Hope Diamond replica, Bob Carlson's silver Kachinas, a variety of great minerals from The Denver Museum of Nature and Science, a display from New Mexico School of Mines, an Oviraptor from the Rocky Mountain Dino-

saur Resource Center, model trains, and, my favorite, the Mt. Antero aquamarines from The Collector's Edge.

We had visitors from at least 14 states. I received many compliments about how

nice our show and the facility were. We had help from the Cañon City and Lake George Clubs.

I would personally like to thank the many club members who helped with the show



The Marjorie Merriweather Post Tiara

and the field trips afterward; we could not have done it without all your help. The staffs at the Phil Long Expo Center were great; they were able to help us with every request.



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Fall Hours: Friday & Saturday 10:00 to 5:00

Collectable minerals, fossils, crafts & local artists

Board Meeting: 1st Wednesday @ 7:00
Drew Malin: 531-7594

July's meeting has been delayed by one week. This month's meeting will be on July 13 at Drew's office.

Camera Club: 4th Tuesday @ 7:15
1514 North Hancock, C/S
Roger Pittman: 683-2603

Roy Wilson tied with Ray Berry for the competitive slide subject - gemstones. Both slides were of squash blossom necklaces. The subject for July is "Roses", The subject for August is "Birdhouses"

Crystal Study Group: 2nd Friday @ 7:30
1514 North Hancock, C/S
Kerry Burroughs: 634-4576

The crystal group does not meet during the summer months. We will meet again in September.

The September meeting theme is summer finds. Bring your field collected or purchased specimens.

Jewelry Group: 3rd Saturday @ Noon-4:00
6608 Gambol Quail Drive East, C/S
Rick Copeland: 594-6293

Next Jewelry meeting will be in September. Enjoy your summer!

Faceting Group: 4th Monday @ 7:00
Dave Wilson: 635-7891

The faceting group will not be meeting during the summer.

The next meeting will be Monday, September 26 at Rick and Pat Olson's, 535 Hidden Valley Road, at 7 pm.

Fossil Study Group: 4th Thursday @7:30
John Harrington: 599-0989

Our Fossil Group meeting in July will be on the 28th at Ruth Frazier's, 1139 Royale Drive, at 7:30 PM. I'll do a program from floppy disks on Ruth's computer.

Our August meeting will be at Jerry Suchan's, on the 25th at 7:30 PM, at 9603 Woodcliff Court in Bijou Basin, north of Peyton. Jerry will give us a program, probably on their travels this year.

Lapidary Group: 1st Saturday @ Noon
3085 Rhapsody Drive, C/S
Drew Malin: 531-7594

Micromounts: 2nd Tuesday @ 7:00
1514 North Hancock, C/S
Phil McCollum acc@frii.comm
Moyra Lyne: 442-2673

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Field Trip Director	Brent Williams	632-3552	zaphod1863@yahoo.com
Librarian	Mary O'Donnell	689-7209	mod4185@compuserve.com
Camera Club	Roger Pittman	683-2603	rpittman@netzero.com
Crystal Study	Kerry Burroughs	634-4576	kburroug@adelphia.net
Faceting Group	Dave Wilson	635-7891	dlwilson@pcisys.net
Fossil Group	John Harrington	599-0989	harrington1@mindspring.com
Lapidary Group	Drew Malin	531-7594	advanceone@adelphia.net
Micromount	Phil McCollum		acc@frii.com
Jewelry	Rick Copeland	332-7915	rick.copeland@covad.net

Events

- 2 **July - Saturday, Noon**
Lapidary Group
- 6 **July - Wednesday, 7:00**
Board Meeting
- 12 **July - Tuesday, 7:30**
Micromounts Group
- 21 **July - Thursday, 7:30**
General Assembly
- 26 **July - Tuesday, 7:15**
Camera Group
- 28 **July - Thursday, 7:30**
Fossil Group

See Sidebar on page 8 for fieldtrip schedule

- 23 **Aug - Tuesday, 7:15**
Camera Group
- 25 **July - Thursday, 7:30**
Fossil Group

- 3 **Sept - Saturday, Noon**
Lapidary Group
- 7 **Sept - Wednesday, 7:00**
Board Meeting
- 9 **Sept - Friday, 7:30**
Crystal Study Group
- 13 **Sept - Tuesday, 7:30**
Micromounts Group
- 15 **Sept - Thursday, 7:30**
General Assembly
- 17 **Sept - Saturday, Noon**
Jewelry Group
- 22 **Sept - Thursday, 7:30**
Fossil Group
- 26 **Sept - Monday, 7:00**
Faceting Group
- 27 **Sept - Tuesday, 7:15**
Camera Group

Ethan A. Bronner, Editor



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Joining the Colorado Springs Mineralogical Society (CSMS)

General Assembly meetings are the third (3rd) Thursday of each month, except August, 7:30 p.m. at the Colorado Springs Senior Center, 1514 North Hancock Blvd., Colorado Springs, CO. **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: Camera Club, Crystal Study Group, Faceting Group, Fossil Study Group, Lapidary Group, Jewelry Group. For details of Satellite Group meetings, see page 9.

Yearly Dues include the 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 and Industry*, a year of learning and enjoyment, plus a lifetime of memories. Individuals - \$15.00 Family - \$25.00 Juniors - \$2.00

If you are interested in joining the CSMS or would like more information, we encourage you to attend our next General Assembly meeting (see page 2 for details of the next meeting) or visit our website: www.csms.us