



Rocky Trails



September 2024

Volume 18 Issue 8



The Newsletter of the Columbia Gem and Mineral Society

EDITOR'S MESSAGE

Welcome to all continuing and new members. At our September meeting we will have an audience participation event with a silent auction. The silent auction is a fund raiser for the club and a way for attending club members to make a little money for themselves. The last one we had was a great success with every item in the auction being sold. The bidding was exciting! This year we will have fossil and mineral specimens from multiple donations including the Lou Dezseran collection. If you plan to put items up for sale, come to the meeting early to get your spot on the table.

For the rest of this month and well into October there will be a lot of fieldtrips to choose from. For example, take note of the three (yes 3) Dixie Mineral trips posted in this issue. Just sign up and go! Quarry trips are always great places to collect fossils and the Martin Marietta Quarry in Cross, SC is opening for a tour and fossil collecting (see page 15). We visited this quarry last year and members including myself found lots of nice fossils. Finally, when I think of fall, I always think of Graves Mountain in Georgia. Always a great outing!

The club's show is only a couple of months away and we are accepting volunteers. Please look on page 5 for general information about the show and page 5-6 to sign up. Also included in this issue is a description of volunteer positions to help you decide which positions you would like to volunteer for, on page 7. Please consider helping with the show. On page 8 are show flyers designed by Sue. Please print them out and distribute them. Also, if you are intending to contribute specimens for the Salted Mine and/or the Grab Bags, please bring them to the September 16 meeting and give them to me. If you are interested in who the show dealers are, check out the website where you can see the list as a drop down on the header or find the link in the show page. It is also in the page text. Steve, our web expert, searched and added links to the dealer list. Thanks Steve!

Our forth 2024 gem show meeting is set for **Tuesday September 24, 4:00 to 5:30 pm at Richland County Library.**

Happy Trails,
Ron Ahle

NEXT MEETING

September 16, 2024

The September 2024 CGMS meeting will be held at **Hope Church** located at 2609 Seminole Road. It is off Broad River Rd. and is easily accessible from I-26 or I-20. Use the side door to enter. Socializing and refreshments at 7:00 pm. Meeting at 7:30 pm.

PROGRAM:

Silent Auction: Fossils, Minerals, Jewelry and other geology or lapidary items will be sold in a silent auction. CGMS has received many donations and these items, along with those brought by members, will be auctioned.

Bring items you wish to sell. You will be provided with the form to fill out to enter your item into the auction. You may choose to keep the proceeds, donate them to CGMS or split the proceeds with CGMS.

At the end of the bidding period, the Treasurer will collect the payment. Cash, check or credit card will be accepted.

Pat and Jim Carter will provide refreshments.

*The club needs Door prize donations for November 18.

Executive Meeting

Date September 23, 2024

Dinner: 6 pm, Meeting: 7 pm

Grecian Gardens, 2312 Sunset Blvd., West Columbia. Members are welcome to attend.

Only executive members vote.

GENERAL MEETING MINUTES

August 19, 2024, Monthly Meeting of Columbia Gem and Mineral Society

The Columbia Gem and Mineral Society, Inc. held its monthly meeting on August 19, 2024, at the Hope Church. President Jim Cobb called the meeting to order at 7:30 PM. Jim welcomed guests and visitors. Jim thanked the Wenzels for helping secure the Hope Church for the meeting, Patricia Stidom and Pam Ethridge for bringing refreshments, and Casey for bringing door prizes. Next month, our meeting will be at Hope Church again.

Programs: Pam and Tony Ethridge gave a wonderful presentation and show and tell on how they make copper and silver jewelry, including how they source material, some techniques to working with copper, and different tools (home-made and store bought) that they use to manipulate the metal. Thank you for the presentation!

Walt Kubilius from the Aiken Gem, Mineral, and Fossil Society will give the September meeting program.

Workshop: No updates on a new workshop location. Gary Hert reported that the workshop is open with a slab saw and cabochon machine. Call Gary if you would like to use the workshop. If you email Gary, add "CGMS" to the subject line of the email.

New Business: Catherine Sawyer asked the club if anyone would be interested in a program presentation from Cindy Lee of the Palmetto Shell Club about shell art and shell crafts. The consensus was that the club would enjoy hearing this program. If anyone would like to attend the Palmetto Shell Club meetings, they are held on the 2nd Sunday of the month at the Seven Oaks Recreation Center in St. Andrews, SC. The next meeting is September 8th at 2 pm.

After Pam and Tony Ethridge's presentation, Jim concluded the meeting at 8:15 pm.

Respectfully submitted by Sophie Grimsley

BOARD MEETING MINUTES

June 24th, 2024, Board Meeting of the Columbia Gem and Mineral Society

The Columbia Gem and Mineral Society, Inc. held its monthly board meeting on August 26, 2024, at Grecian Gardens at 2312 Sunset Blvd. President Jim Cobb called the meeting to order at 7:11 pm. Members in attendance were Jim Cobb, Angela Valvasori, Ron Ahle, Steve Coker, Cheryl Coker, Sharon Sterrett, and Sophie Grimsley.

Officer Reports:

President: Jim attended the McKissick Museum open house and spoke with our contact there. Staffing will not be increased, so we will not be able to meet at the museum for the rest of the year. The contact said they would help us find different meeting space somewhere on campus if we wished to continue to meet at the University. The board members also suggested the possibility of donating to supply the wages of a student that could be available during our meeting time.

Treasurer: Angela had no news to report.

Committee Reports:

Programs and Classes: September's program will feature Walt Kabulis.

Show: Angela Valvasori stated that the next Show Committee planning meeting will take place Tuesday, August 24 at the Richland County Library on North Main Street at 4:00 pm. If anyone has material to contribute for grab bags, turn donations into Angela or Ron. So far, 30 dealers have committed to the show.

Field trips: The Martin Marietta Berkely Quarry in Cross, SC will be having an open day on October 5th, 2024, tentatively 10 am until 2 pm. Area in the pit will be open to look for fossils.

Newsletter: There will be a grab bag day at the workshop coming up sometime soon to prepare for the show. Ron is still collecting donations for grab bags.

Website: No news to report. The attendees discussed the possibility of listing material or books for sale on the website or Facebook.

Auctioneer: Ron mentioned that there is lots of material available to have an auction and suggested conducting a silent auction at the Christmas Party. Sophie mentioned that we may be able to sell old books at the show and in a silent auction.

BOARD MEETING MINUTES (cont')

Old Business: A nominating committee of ideally three people will need to be formed by October. Jim volunteered to participate, and the group discussed some other members who may potentially be good candidates for the nominating committee. Ron suggested bringing back the club's Fall Picnic and volunteered to try and make a reservation at a picnic shelter in Sesquicentennial State Park, or possibly Congaree National Park or a City of Columbia Park if no spots were available. The board discussed hosting a Christmas party in early December at the Cayce Museum on a Friday or Saturday night. There would be a kitchenette and space to hold a silent auction.

A motion to conclude the meeting was made by Steve Coker and seconded by Cheryl Coker. The executive meeting concluded at 8:05 pm.

Respectfully submitted by Sophie Grimsley

Social Media Helps our Club Stay Social!

CGMS website: www.cgms.rocks

Facebook, Columbia Gem and Mineral Society, Inc:
[\(20\) Columbia Gem and Mineral Society, Inc. | Facebook](#)

Facebook, Columbia Gem and Mineral Society Group:
<https://www.facebook.com/groups/322192978738281/>

Instagram: [Columbia Gem and Mineral Society, Inc. \(@cgms_rocks\)](#)

Please like/follow our Facebook and Instagram pages and share posts to increase our reach on social media.

CGMS Show Planning

Our show is full! We have 30+ confirmed dealers. See our website for many of the dealer’s names and products.

What you can do:

- Help with publicity by distributing flyers and coupons.
- Help with advertising. If you know of any local websites on which to advertise, please contact me or Sue Shrader.
- Continue to bring small minerals and fossils to the meetings for the grab bags and salted mine.
- Sign up to volunteer at the show. Sign-up sheets for show help and the dealer dinner will be routed at the September and October meetings and posted in the Rocky Trails. A copy of the show help form is attached. Please fill out the form for what you would like to do and give the completed form to Terri Tokaz. Pat Carter is coordinating the dealer dinner.

Remember that we will have two drawings for lapidary class scholarships at William Holland or Wildacres: one for those who participate in show planning and one for those working at the show.

Our next show planning meeting is on **Tuesday September 24, 4:00 to 5:30 pm**
Richland County Library North Main, “Large Meeting Room”
5306 North Main St., Columbia, SC 29203
Easily accessible from I-20

Submitted by,
Angela Valvasori
2024 Show Chair

Below is the volunteer sheet for this year’s show.

Every volunteer must complete a Volunteer Sign Up Sheet. Terri Tokaz needs this so she can compile a list of everyone that is working. She will then email the group so everyone can verify their duties, dates, and times. Your cooperation is greatly appreciated. Please print clearly.

2024 Show Help

Work wherever needed.

I can work from _____ a.m./p.m. on Friday or Saturday or Sunday.
I would like to help with _____ (Please list an area).

Photographer – _____

Front Desk, Admission

Friday, November 22	Saturday, November 23	Sunday, November 24
10:00 to 2:00 _____	10:00 to 2:00 _____	12:00 to 2:30 _____
2:00 to 6:00 _____	2:00 to 6:00 _____	2:30 to 5:00 _____

Membership, Door Prize, Etc.

Friday, November 22
10:00 to 2:00 _____
2:00 to 6:00 _____

Saturday, November 23
10:00 to 2:00 _____
2:00 to 6:00 _____

Sunday, November 24
12:00 to 2:30 _____
2:30 to 5:00 _____

Geode Booth

Friday, November 22
10:00 to 2:00 _____
2:00 to 6:00 _____

Saturday, November 23
10:00 to 2:00 _____
2:00 to 6:00 _____

Sunday, November 24
12:00 to 2:30 _____
2:30 to 5:00 _____

Grab Bags

Friday, November 22
10:00 to 2:00 _____
2:00 to 6:00 _____

Saturday, November 23
10:00 to 2:00 _____
2:00 to 6:00 _____

Sunday, November 24
12:00 to 2:30 _____
2:30 to 5:00 _____

Salted Mine

Friday, November 22
10:00 to 2:00 _____
2:00 to 6:00 _____

Saturday, November 23
10:00 to 2:00 _____
2:00 to 6:00 _____

Sunday, November 24
12:00 to 2:30 _____
2:30 to 5:00 _____

Demonstrating

I would like to demonstrate _____
(List: faceting, bead stringing, etc.)
from _____ a.m. OR p.m. on Friday or Saturday or Sunday.

Display Case

I would like to fill a display case (please list items to be displayed below).

Coordinator for the show - _____

Set Up and Take Down

I can be at the Jamil Temple at 9:30 on Thursday morning, Nov.21, to **Set up** _____yes.
I can help with **Take Down** on Sunday beginning at 5:00 _____yes.

Name _____

Telephone Number _____ **E Mail** _____

Please bring to the Club Meeting or Email to Terri Tokaz at TTokaz@SC.RR.com
Or Mail to.....Columbia Gem & Mineral Society, PO Box 6333, Columbia, SC 29260

**2023 CGMS Gem & Mineral Show
Volunteer Instructions**

The following information is being provided for folks who are either considering volunteering to work at the show or have already volunteered. Volunteer hours will be tallied, and for every four hours worked, your name is entered in a drawing for a lapidary class scholarship at William Holland or Wild Acres. Hours are tracked by signing in and out.

The following description of the duties will help you decide what you would like to volunteer for and what will be expected from you. A more detailed description will be provided prior to the Show, and someone will be available to help during the Show.

Show setup and dealer dinner (Thursday):

- *Unload the trailer:* The geode equipment, front desk materials, display cases, etc. are in a trailer which needs to be unloaded and moved into place. Help is also needed moving the geodes and grab bags.
- *Geode booth:* Help Gary set up the geode cutting and cleaning equipment and tables.
- *Display cases:* Put together the display cases. People show material from their collection to educate and inspire our attendees. You can also volunteer to create a display.
- *General setup:* Set up the front desk, door prize area and security cameras.
- *Dealer dinner:* Pat Carter is coordinating this. Prepare a dish to bring or help with setting up the food and cleaning up.

Show (Friday, Saturday, and Sunday):

- *Demonstrations:* Members who do lapidary work that can be done on a desktop demonstrate their work during the show. The table will be provided.
- *Door prizes:* Collect door prizes from vendors for hourly door prize drawing. Draw the name and announcing the winners on the microphone. Draw for the grand prize at the end of the Show and contact the winner.
- *Front Desk:* Need 2 people for Admissions – to collect money, hand out tickets and door prize forms. Need 1 person to provide CGMS information and answer questions.
- *Geode Booth:* Need 2 people to weigh and sell geodes, 2 to cut (training provided by Gary Hert), and 1 to wash & wrap after cutting.
- *Salted Mine and Grab Bags:* Need 1 to 2 people to sell grab bags and collect money, and 1 person to operate the salted mine by helping children sift, replenish material, and collect money.

Show takedown (Sunday evening):

- Show takedown begins as soon as the Show closes, at 5 pm. Assistance is needed with packing up display cases, show materials and the geode equipment and loading it into the trailer.

LAPIDARY WORKSHOP

The CGMS lapidary workshop in West Columbia, SC is open. To use the rock saws and cabbing machines call or email Gary Hert at gchert@hotmail.com or 803-794-9362. There is an hourly rate for using the machines.



Columbia Gem & Mineral Society
Gem, Mineral, & Jewelry Show
 Jamil Temple
 206 Jamil Rd.
 Columbia, SC 29210

Nov. 22, 10:00 - 6:00
 Nov. 23, 10:00 - 6:00
 Nov. 24, 12:00 - 5:00

56th Annual 2024



Adults \$7.... Children 12 & Under Free
 All Military & Dependents Free with ID

Please Copy
 www.cgms.rocks
 803-736-9317




\$1.00 Off

Columbia Gem & Mineral Society
Gem, Mineral, & Jewelry Show
 Jamil Temple
 206 Jamil Rd.
 Columbia, SC 29210

Nov. 22, 10:00 - 6:00
 Nov. 23, 10:00 - 6:00
 Nov. 24, 12:00 - 5:00

56th Annual 2024



Adults \$7.... Children 12 & Under Free
 All Military & Dependents Free with ID

Please Copy
 www.cgms.rocks
 803-736-9317




\$1.00 Off

Program for the September Meeting

"Silent Auction"

Silent Auction: Fossils, Minerals, Jewelry and other geology or lapidary items will be sold in a silent auction. CGMS has received many donations and these items, along with those brought by members, will be auctioned. There will be lots of fossil and mineral material. Because of the volume of the material, we are going to bypass the door prizes to go directly to the auction.

Bring items you wish to sell. You will be provided with the form to fill out to enter your item into the auction. You may choose to keep the proceeds, donate them to CGMS or split the proceeds with CGMS. If you bring items to sell in the auction, please arrive by 7:00 so we can get everything arranged.

At the end of the bidding period, the Treasurer will collect the payment. Cash, check or credit card will be accepted.



Silent Auction from April 2019.

[South Carolina State Museum](http://scmuseum.org/events/upcoming-events/)
<http://scmuseum.org/events/upcoming-events/>

Advance online ticket purchases are encouraged, especially if you wish to see planetarium and/or 4D shows.

Hours of Operation:

Mon: CLOSED

Tue – Sat: 10 a.m. to 5 p.m.

Sunday: 12 to 5 p.m.

Planetarium Theater Shows

Solar Superstorms:

A fury is building on the surface of the Sun: high-velocity jets, a fiery tsunami wave 100,000 km high, rising loops of electrified gas. What is driving these strange phenomena? How will they affect planet Earth? Find the answers as we venture into the seething interior of our star.

Solar Superstorms is a major new production that takes viewers into the tangle of magnetic fields and superhot plasma that vent the Sun's rage in dramatic flares, violent solar tornadoes, and the largest eruptions in the Solar System: coronal mass ejections. The show features one of the most intensive efforts ever made to visualize the Sun's inner workings, including a series of groundbreaking scientific visualizations computed on the giant supercomputing initiative, Blue Waters, based at the National Center for Supercomputing Applications, University of Illinois.

James Webb Space Telescope: The Story Unfolds

Back by popular demand, see strange distant worlds in stunning detail and witness the evolution of galaxies over billions of years as revealed by the most powerful telescope ever built. Featuring groundbreaking images from NASA's James Webb Space Telescope visualized in brilliant 4K resolution, this special live planetarium experience explores the incredible, complex science behind the James Webb mission.

Developed by the U.S. Space & Rocket Center in Huntsville, AL, this 42-minute live, interactive show also highlights the incredible science behind the James Webb mission. The State Museum is proud to be one of only two locations outside of the USSRC to debut this special planetarium experience that will bring new discoveries to audiences.

Museum Special Exhibit:

Apollo 16 & Beyond: South Carolina in Space

This new exhibition explores the Apollo 16 lunar mission and the historic moonwalk of SC astronaut Charles Duke. In addition to featuring many Apollo 16 objects, the exhibition will also highlight South Carolina scientists and engineers who have contributed to the field of aerospace research and exploration.

[McKissick Museum](#)

https://sc.edu/study/colleges_schools/artsandsciences/mckissick_museum/

Hours: Monday-Friday: 8:30 a.m.-5:00 p.m. Saturday: 11:00 a.m.-3:00 p.m.
Closed Sundays

McKissick Museum Events

<https://www.facebook.com/mckissickmuseum/>
www.sc.edu/mckissickmuseum

<https://www.facebook.com/mckissickmuseum/>

Layers of Legacy: Exploring Daily Life and Colonialism in Cameroon

Layers of Legacy: Exploring Daily Life and Colonialism in Cameroon investigates the art and culture of the Grass fields of northwestern Cameroon, a country of rich resources exploited by European agents of the transatlantic slave trade and colonizers from the late 1400s until the 1960s. This collection features objects ranging from household items to ritual masks that inspire contemplation of their purpose and the intersection of art with everyday life. Layers of Legacy also encourages reflection on our responsibility as viewers, urging us to consider the circumstances surrounding the objects' acquisition and the ethical implications of our engagement with them.

Exhibit will show from August 17 -December 14, 2024

Congaree National Park

100 National Park Road

Hopkins, SC 29061, ph# 803 776-4396; <https://www.nps.gov/cong/planyourvisit/conditions.htm>

Congaree National Park is a 26,692.6-acre American national park in central South Carolina, 18 miles southeast of the state capital, Columbia. The park preserves the largest tract of old growth bottomland hardwood forest left in the United States

[Lunch and Learn](#): The last Friday of the month, 12:30 to 1:30 pm

Contact Carson Lillard at carson_lillard@nps.com to be placed on the “Lunch and Learn” notification list.



News Worth Digging Up

Researchers Discovered Matching Dinosaur Footprints - on Both Sides of the Atlantic

Date: August 30, 2024

By: Tim Newcomb

Source: Popular Mechanics

Researchers have discovered that dinosaur footprints uncovered 3,700 miles apart from Brazil and Cameroon are “almost identical”. Researchers associated with the New Mexico Museum of Natural History & Science uncovered more than 260 footprints that show how “land-dwelling dinosaurs used to have much easier access between what is now South American and Africa millions of years ago.”

“Most of the preserved footprints came from three-toed theropods, while sauropods or ornithischians were also likely part of the mix, said Diana Vineyard, research associate at Southern Methodist University and co-author of the study.” The footprints were fossilized from mud and silt that would commonly be associated with rivers and lakes. “The same sediments also contained fossil pollen that helped date the discovery to the Early Cretaceous period 120 million years ago. That matches a time when the supercontinent Gondwana, which had broken off from Pangea, was still in existence, meaning that the distance between the two areas of footprints was much smaller.”

“One of the youngest and narrowest geological connections between Africa and South America was the elbow of northeastern Brazil nestled against what is now the coast of Cameroon along the Gulf of Guinea,” Jacobs said. “The two continents were continuous along that narrow stretch, so that animals on either side of that connection could potentially move across it.”

To read more on this interesting research go to: [Researchers Discovered Matching Dinosaur Footprints—on Both Sides of the Atlantic \(popularmechanics.com\)](https://www.popularmechanics.com/science/dinosaurs/dinosaur-footprints-on-both-sides-of-the-atlantic)



Fabian von Poser // Getty Images

Field trip to the Martin Marietta Quarry in Cross, SC Saturday October 5

Martin Marietta is having an Open House at their Limestone Mine at Cross SC (Berkeley Quarry). We collected fossils there last year. It is a good trip.

There are many marine fossils of Eocene age. The most commonly found fossils are shark teeth, fish vertebrae and teeth, echinoids, scallops, oysters, brachiopods, and snail steinkerns. Crab carapaces are rare but are present. In past trips, members have found nice shark teeth and a wide assortment of invertebrate fossils.

Tentative hours are 10-2 (this may change). The Cross quarry is near Eutawville SC, about 1.5 hours from Columbia. The address is 950 County Line Road, Cross, SC. To get there, take Hwy 6 through Cross and turn right on County Line Road. The quarry will be on the right.



Fossils found at Berkley Quarry by Ron Ahle

**Graves Mountain
Rock Swap and Dig
October 4th - 6th, 2024
Lincolnton, Georgia**

As of this posting, the dig is scheduled for October 2024. No reservations needed. If something changes, it will be posted here.

The mountain will be open to collecting from 8 am to 6 pm each day. All attendees must stop at the welcome table to sign a liability release and make a contribution/donation to help with the cost of providing porta johns and golf carts. The dig will end, and everyone must be off the mountain by 6:00 p.m. each day.

Rock Swap and Hot Food/Drinks:

Junior will set aside an area in the upper parking lot for tables to be setup for daily rock swaps. Anyone who would like to set up a table(s), please contact Junior at the phone numbers listed below. Hot food cooked on the grill, cold drinks and chips will be available for purchase on the mountain during all three days of these events. There will be an area in the parking lot for vendors to sell and trade minerals. If you would like to set up a booth, contact Jr. at the phone number listed below. Hot food and drinks will be available for purchase on the mountain all three days.

Contact Information:

Clarence Norman Jr. (Junior) - 706-359-1544 (his business) or 706-401-3173 (his cell)

THIS DIG IS OPEN TO ALL CLUBS and ROCKHOUNDS!

GRAVES MOUNTAIN CODE OF CONDUCT!

Park your vehicle in the designated area at the end of the paved access road.

ALL pets must be kept under control and on a leash. The caretaker, Jr. Norman has final and absolute say as to where you may safely work. Ladders or power tools of any kind will not be allowed. (HAND TOOLS ONLY!). STAY AWAY FROM ALL HIGH WALLS! NO RAPPELLING OFF OF ANYTHING! NO ONE IS ALLOWED TO DRIVE THEIR VEHICLE ON ANY PART OF GRAVES MOUNTAIN BEYOND THE PARKING AREA! (The caretaker must accompany anyone driving beyond the parking area!) EVERYONE NEEDS TO BE OFF THE MOUNTAIN BY 6:00 p.m. (Absolutely no one is allowed on Graves Mountain after dark.)

DIRECTIONS: From Washington Georgia, drive east 11 miles on SR-378, look for mine entrance on right. From the Hardee's in Lincolnton, Georgia, drive approximately 5-1/2 miles west on SR-378. Look for the sign at the entrance to Graves Mountain on the left side of the road.

Motels and Camping:

Cullars Inn, Lincolnton, Georgia, 706-359-6161
Soap Creek Lodge, Clarks Hill Lake, Lincolnton, 706-359-4100
Elijah Clark State Park, 706-359-3458 / 800-864-7275

AREA SHOWS

To verify the accuracy of a show date, go to the show's website or contact them directly.

September 20-22, RICHMOND, VIRGINIA: Show and sale; Treasures of the Earth, Inc; Richmond Raceway Complex, 600 E Laburnum Ave, Old Dominion Building; The Richmond Gem and Mineral Society. Website: www.treasuresoftheearth.com

September 20-22, FISHERSVILLE, VIRGINIA: Annual show; Shenandoah Valley Gem & Mineral Society; The Augusta Expo, 277 Expo Rd; Scott Gregory, (727) 542-9723; Email: sgregory357@hotmail.com; Website: <http://www.shenandoahvalleyrockclub.org>

Graves Mountain Rock Swap & Dig

Lincolnton, Georgia

2024 Fall. Friday, Saturday, Sunday. October 4, 5, 6. 8 am to 6 pm.

<https://www.gamineral.org/ft/commercial/ftgravesmain.html>

The Columbia, SC Gem & Mineral Society will hold its 56th Annual Gem, Mineral, and Jewelry Show on November 22-24, 2024.

Jamil Shrine Temple, 206 Jamil Road, Columbia, SC 29210

Friday and Saturday 10:00 - 6:00; Sunday 10:00 - 6:00.

\$7.00 for adults, 3 days pass \$12.00, 12 & under free. All military & their dependents free with ID Card

www.cgms.rocks

CGMS 56th Annual Gem, Mineral, & Jewelry Show 2024

Fri. Nov. 22, 10:00 - 6:00

Sat. Nov. 23, 10:00 - 6:00

Sun. Nov. 24, 12:00 - 5:00

Jamil Temple

206 Jamil Rd.

Columbia, SC 29210

Exit 106 off I-26

Jewelry, beads, loose stones, fossils, minerals, gold, silver, & tools for sale

Geodes sold & cut

Club member's rock collections on exhibit & lapidary demonstrations

Education for the whole family

South Carolina amethyst on display

Sponsored by The Columbia Gem & Mineral Society

\$7.00 for adults, 3-day pass- \$12; Twelve & under free with adult.

All military & their dependents free with ID Card

Meteorites

<https://www.amsmeteors.org/category/>

Orionids September 26th, 2024, to November 22nd, 2024
Next Peak night **Oct 20-21, 2024**

The Orionids are a medium strength shower that sometimes reaches high strength activity. In a normal year, the Orionids produce 10-20 shower members at maximum. In exceptional years, such as 2006-2009, the peak rates were on par with the Perseids (50-75 per hour). Recent displays have produced low to average displays of this shower. In 2024, a waning gibbous moon will rise during the late evening hours and will severely hamper views of this display.

Southern Taurids September 23rd, 2024, to December 8th, 2024
Next Peak night **Nov 4-5, 2024**

The Southern Taurids are a long-lasting shower that several peaks during its activity period. The shower is active for more than two months but rarely produces more than five shower members per hour, even at maximum activity. The Taurids (both branches) are rich in fireballs and are often responsible for increased number of fireball reports from September through November.

The Columbia Gem and Mineral Society is an organization of persons associated together to promote popular interest in and to provide means for the exchange of knowledge of the Earth Sciences – Geology, Mineralogy, and Paleontology – and of the related Arts – Lapidary and other. The Society is a member of the Southeast Federation Mineralogical Societies Inc. and an affiliate of the American Federation of Mineralogical Society Inc.

2024 OFFICERS and COMMITTEE CHAIRPERSONS

EXECUTIVE COMMITTEE

President..... Jim Cobb.
 Vice President..... Cheryl Coker.....
 Treasurer..... Angela Valvasori.....
 Secretary..... Sophie Grimsley.....

COMMITTEES

Membership Sheila Frame.....
 Auctioneer..... Ron Ahle.....
 Club Liaison..... Jim Cobb.....
 Faceting Guild..... Tom Daniels.....
 Facebook..... Sue Shrader
 Field Trip..... Open
 Historian.....Angela Valvasori
 Librarian.....Sheila Frame.....
 Newsletter Editor..... Ron Ahle.....
 Program..... Sue Shrader.....
 Show..... Angela Valvasori
 Sunshine Abbie Gates.....
 Website..... Steve Coker.....
 Workshop..... Gary Hert..... (803) 794-9362.....



CGMS Website

Please visit our website:

<http://www.cgms.rocks>

Webmaster: Steve Coker

Monthly Meeting

Except for January, the meetings are held the third Monday of each month. Socializing and refreshments at 7:00 pm; Meeting at 7:30 pm.

Executive Board Meetings:

Except for January, the meetings are held on the fourth Monday of each month. Meal is at 6:00 pm. Meeting is at 7:00 pm.

**Rocky Trails
PO Box 6333
Columbia, SC 29260**