



Rocky Trails



August 2023

Volume 17 Issue 7

The Newsletter of the Columbia Gem and Mineral Society



EDITOR'S MESSAGE

Welcome to all continuing and new members. I hope everyone enjoyed my presentation on Yellowstone NP. For those of you who did not make it to the July meeting, I will be giving a similar presentation to the Aiken Club sometime soon (when I have a date, I will let you know). The August meeting will have an excellent speaker, Dr. David Shelly, who will tie isotope dating to mapping geological units. Should be very interesting, do not miss it.

Angela and I have been staying home over the past month working on prepping dinosaur and fish fossils. It is amazing how much work goes into collections after you have finished collecting. Preparing dinosaur bones is a long and tedious process that requires lots of patience and detail work. When you do this kind of work it really brings into light just how much work is done by paleontologists and technicians at universities and museums!

Just a reminder, the Dixie Mineral fieldtrip for the month of August takes you to the mountains near Franklin, NC to collect rubies, sapphires, and garnets. As I stated last month, there is lots of material to collect. When we discussed this trip in July's meeting, John Narang mentioned that folks were using black lights to find he sapphires. That might be something to try.

It is the time of the year when the club is looking for gem show help (please look on page 4 for details and page 5 to sign up). Please consider helping with the show. On pages 10 & 17 are impressive show flyers designed by Sue. Please print them out and distribute them.

Thanks to all who have been working on the 2023 show planning. It takes planning and coordination during the months leading up to the show to assure a successful event!

Ron Ahle

NEXT MEETING

August 21, 2023

Socializing and refreshments at 7:00 pm.
Meeting at 7:30 pm.

The May 2023 CGMS meeting will be held at **The McKissick Museum** at USC. Parking is available beside the museum where Bull St. runs into Pendleton St. See map on page 10. If you need to use the elevator, ask someone to open the door on the street level by the parking lot. Go down the hallway to the elevator to the first floor.

PROGRAM:

Dr. David Shelley will be giving a presentation on **Isotopes in Geology**. He will explain what an isotope is and why are they important in the study of earth science.

Sue Shrader will provide Door Prizes.

Refreshments will be provided by the Wentzel family.

Executive Meeting

August 28, 2023

Dinner: 6 pm, Meeting: 7 pm

Grecian Gardens, 2312 Sunset Blvd.,
West Columbia.

Members are welcome to attend. Only executive members can vote.

GENERAL MEETING MINUTES

July 17, 2023, Monthly Meeting of Columbia Gem and Mineral Society

The Columbia Gem and Mineral Society, Inc. held its monthly meeting on July 17, 2023, at McKissick Museum. President Jim Cobb called the meeting to order at 7:30 PM. Jim welcomed new members and guest. Jim thanked Carol Patricia Stidom & Pam Etheridge for providing snacks and Patricia Stidom for providing door prizes. The meeting was well attended.

Field Trips: John Narang reminded members to check out upcoming Dixie Mineral Fieldtrips. In particular, the trip to Franklin to visit chunky Gal and Buck Creek. John shared his experiences with these collecting sites. John also mentioned a possibility of having a fieldtrip to Amos Cunningham's mine. Jim said that he thought a good trip for the club could be to go to the Mariotte Hotel in Savannah to look at the exhibits in their lobby. Ron asked the membership if they would be interested in a fieldtrip to Morris Island in October and got a positive response.

Membership: Susan reported that Sheila (who was not in attendance) told her that the club currently has 110 members. **Treasurer:** Angela announced that the club was financially in good shape and that she had sent a detailed report to the board members. She also reminded the secretary that she had not set up a Square Account yet as was stated in the July Rocky Trails.

Show: Susan Bloodworth talked about the show committee meetings and mentioned that the next meeting is scheduled for October 2nd. She said they are also looking for volunteers to help with set up and take down plus they are open to folks volunteering to fill cases. The Dealer dinner is at 5:00 and all food donations will need to be there by 4:30. A grab bag workshop is being planned for September and donations are being accepted for the bags. There was a discussion about the need for television advertisement. It was suggested that Soda City live would be a good place to advertise.

Programs: Main Program: Ron Ahle gave a presentation titled "Yellowstone NP, What Could Be Better?" Ron gave a 30-minute presentation that covered all things Yellowstone. It was mentioned that Dr. David Shelly may be giving the Presentation in August.

Shop: Susan mentioned that Sheila would be offering classes in wire wrapping. **Sunshine:** Sue Shrader had knee replacement surgery and has been having difficulty with subsequent infections. She is staying home recovering. **Newsletter:** Ron informed the membership that he would take information appropriate for publishing in the Rocky Trails.

Door prizes were awarded.

Jim Cobb adjourned the meeting at 8:30 PM.

Respectfully submitted by Ron Ahle

EXECUTIVE MEETING MINUTES

July 24, 2023, Board Meeting of Columbia Gem and Mineral Society

The Columbia Gem and Mineral Society held its executive board meeting on July 24, 2023, at Grecian Gardens Restaurant. President Jim Cobb called the meeting to order at 7:03 PM. In attendance were Jim Cobb (President), Ron Ahle (Secretary), Jonathan Wenzel (Vice-President), Sue Shrader (Program chair), Gary Hert (Workshop) and Sharon Sterrit (Show Committee). Jim thanked everyone in attendance. Jim thanked Ron for his presentation at the July meeting.

Show: Sharon stated that seven dealers had sent back completed contracts with payment. Sharon handed out a spreadsheet with all the dealers listed. Terri Tokaz is updating the volunteer sign-up sheet. Gary announced that he had purchased the geodes which had a 10% increased price over last year. Because of this increase, Gary made a motion to increase the geode price to \$1.25 an ounce at the show. The motion was tabled because there was not enough board member present to make a quorum. Sue distributed flyers and asked board members to begin handing them out. Ron put examples of flyers in the Rocky Trails that could be printed out and distributed. Jason Dolinski has volunteered to oversee the show set up. Ron reminded the group that is present at set up and take down to ensure the trailer is repacked appropriately.

Program Coordinator: Sue said that David Shelly would be giving a presentation at the August meeting. Sue mentioned some additional speakers that she was trying to secure. We are planning to have a silent auction in October where we could sell recent donations to club. **Fieldtrips:** Ron announced that he would investigate a fieldtrip to Morris Island in October. Jim suggested a fieldtrip to Savannah to the Marriot Hotel to see the outstanding fossil and mineral collections exhibited in the lobby could be a good fieldtrip for the club. **Membership:** Sheila, by proxy, reported no change in membership.

Treasurer: Angela, by proxy, announced there were no changes in financial accounts and that the Square account is not yet set up. **Workshop:** Sheila is having a wire wrapping class. Gary started discussion about opening the shop on a limited basis and said he would investigate the practicality of setting up certain equipment. **Rocky Trails:** Ron Asked the board for a list of the door prize and snack providers for the general meetings. **Sunshine:** Sue stated that Benita Sutphin recently had hip replacement and her husband fell off a tractor and sustained injuries making it hard for them as a pair to take care of each other.

New Business: Gary stated that Joan Beckum was beginning to close her business and was looking to sell slab saws and other lapidary equipment. Ron started discussion about a club picnic and no decisions were made as to when or were.

A motion was made to adjourn the meeting and Jim adjourned the meeting at 8:20 PM.

Respectfully submitted by Ron Ahle

55th Annual CGMS Gem, Mineral and Jewelry Show

Show Planning Meeting

The next **show planning meeting** is Tuesday October 3rd at 7pm. at Hope Church located at 2609 Seminole Road. Columbia, SC 29210 Easily accessible from I-26 or I-20 (using a map or GPS is easier than giving directions since there are so many ways to get there). Use the side door (close to the main part of the parking lot). We will meet in the Fellowship Hall.

Please join us at these meeting to share your ideas, knowledge, and any insights that will help make our show better! Our desire is to have many hands/minds to help take the burden off the few. And fresh ideas are welcome! This is YOUR show! Please come and help us make it spectacular! If you are unable to attend this meeting, but would like to be part of the future planning process, please contact Mandie Wenzel at 803-673-4044 (call or text), or jonathan.mandie.wenzel@gmail.com.

A Reminder to All Members:

Please remember that we will be needing donations as listed below. Gem and Mineral show for 2023 will be on Friday, November 17 through Sunday, November 19. Dealers set up Thursday, December 16.

- (1) We need thumbnail size rock, mineral and/or fossil specimens for the Salted Mine and larger specimens (1–3-inch specimens) for Grab Bags. Any contributions will be appreciated. Susan Bloodworth will be accepting donations at club meetings. The Grab Bags and Salted Mine help raise money for the club.
- (2) In September, we will have a Grab Bag workday at the Storage Unit on Augusta Highway, and we will need volunteers to help make \$1.00, \$5.00, and \$10.00 Grab Bags. More information about the specific time, date, and address will be provided when the details have been worked out.
- (3) We will also need volunteers to help man the Salted Mine and Grab Bag Stations at the Show. Volunteer sign-up sheets will be provided at club meetings.
- (4) The club will host a Dealers' Dinner on Thursday night after the dealers have set up their booths. Dealers and Club Members will share the meal. The club will furnish meats, plates, and utensils, but we will need volunteers to contribute salads, side dishes, desserts, drinks, and ice. Contributions for the meal will need to be at the Jamil Temple no later than 5:00 Thursday on November 16, 2023. Sign-up sheets will be provided closer to the show, but please be thinking about what you would like to provide.

*In the last several meetings, Carol Elliot and the Stidoms have contributed some wonderful rock specimens for the Salt Mine and the Grab Bags. Thank You!

On the following page is a volunteer sign-up sheet. This gives each member an opportunity to sign up for time slots and volunteer stations. Please consider your options and sign up!

2023 Show Help

Front Desk, Admission

Friday, November 17

10:00 to 2:00 _____
2:00 to 6:00 _____

Saturday, November 18

10:00 to 2:00 _____
2:00 to 6:00 _____

Sunday, November 19

12:00 to 2:30 _____
2:30 to 5:00 _____

Membership, Door Prize, Etc.

Friday, November 17

10:00 to 2:00 _____
2:00 to 6:00 _____

Saturday, November 18

10:00 to 2:00 _____
2:00 to 6:00 _____

Sunday, November 19

12:00 to 2:30 _____
2:30 to 5:00 _____

Geode Booth

Friday, November 17

10:00 to 2:00 _____
2:00 to 6:00 _____

Saturday, November 18

10:00 to 2:00 _____
2:00 to 6:00 _____

Sunday, November 19

12:00 to 2:30 _____
2:30 to 5:00 _____

Grab Bags

Friday, November 17

10:00 to 2:00 _____
2:00 to 6:00 _____

Saturday, November 18

10:00 to 2:00 _____
2:00 to 6:00 _____

Sunday, November 19

12:00 to 2:30 _____
2:30 to 5:00 _____

Salted Mine

Friday, November 17

10:00 to 2:00 _____
2:00 to 6:00 _____

Saturday, November 18

10:00 to 2:00 _____
2:00 to 6:00 _____

Sunday, November 19

12:00 to 2:30 _____
2:30 to 5:00 _____

Work wherever needed.

I can work from _____ a.m./p.m. on Friday, Saturday, or Sunday.

I would like to help with _____ (Please list an area).

Demonstrating

I would like to demonstrate _____

(List : faceting, bead stringing, etc.) from _____ a.m./ p.m. on Fri, Sat, or Sun.

Display Case

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

Dealer Dinner: Thursday 5:00PM **Help or and bring item of food** _____

Set Up and Take Down

I can be at the Jamil Temple at 9:30 on Thursday morning, Nov.16, to **Set up** _____yes

I can help with **Take Down** beginning at 5:00 on Sunday _____yes

Name _____

Telephone Number _____ E Mail _____

Please bring to the Club Meeting

Or Mail to: Columbia Gem & Mineral Society
PO Box 6333 Columbia, SC 29260

About the Presentation for the August Meeting

David Shelly will give this month's program. The program title is "**Isotopes in Geology:** What is an isotope? Why are they important in the study of earth science?" Many people may hear the word in the context of discussing radioactive uranium or radiocarbon. Isotopes, however, are much more than that! Some are indeed radioactive, but many are not. It turns out that the "stable," isotopes are extremely important, too, for understanding all sorts of earth processes!

Dr. David Shelley, USC alumni and recent club member, will (1) give a basic introduction to isotopes (stable and radioactive), (2) share some examples of using carbon isotopes to understand both climate change and our own Congaree River Valley, and (3) give some teasers about other applications across various fields of geology.



Congaree River Floodplain (Photo by Ron Ahle)



Club meetings are at The McKissick Museum at USC. Parking is available beside the museum where Bull St. runs into Pendleton St. See map on page 10. If you are unable to use the front steps of the McKissick Museum, there is an elevator on the ground floor down the hall from the parking lot. If you need to use the elevator, call 803-261-9317 to have the door on the street level by the parking lot opened.

[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

Exhibitions:

Tuesday, Sep. 19, 2023

[The Nature of Fall with Rudy Mancke.](#)

Free

Join University of South Carolina's Naturalist-in-Residence Rudy Mancke for an in-depth look into the natural changes that accompany the autumnal equinox. This free lunchtime lecture is fun for all ages, and visitors are encouraged to bring objects of interest for Rudy to examine. No live specimens, please.

[Exploring "Paths to Freedom" with John E. Dowell](#)

Tuesday, Sep. 26, 2023

Cost: Free

Exploring "Paths to Freedom" with John E. Dowell

Tuesday, Sep. 26, 2023, 5:30 – 7 p.m.

Free

Join master printmaker and photographer [John E. Dowell](#), Professor Emeritus at Temple University, as he discusses the inspiration behind *Paths to Freedom* and the process, he used to create his artwork. Philadelphia artist John E. Dowell's digitally altered photographs, staged in moonlit cottonfields, conjure the spirits of his enslaved ancestors as they sought their freedom from bondage. Inspired by a series of dreams of his grandmother, *Paths to Freedom* contemplates the ancestral legacy of slavery and the power of intergenerational connections. Viewers are taken on an immersive journey via artwork, installation, and soundscape through the darkness toward freedom. *Paths to Freedom* is on view at McKissick Museum from June 12 - December 16, 2023.

[News Worth Digging Up](#)

Newly discovered whale species could have been heaviest animal ever.

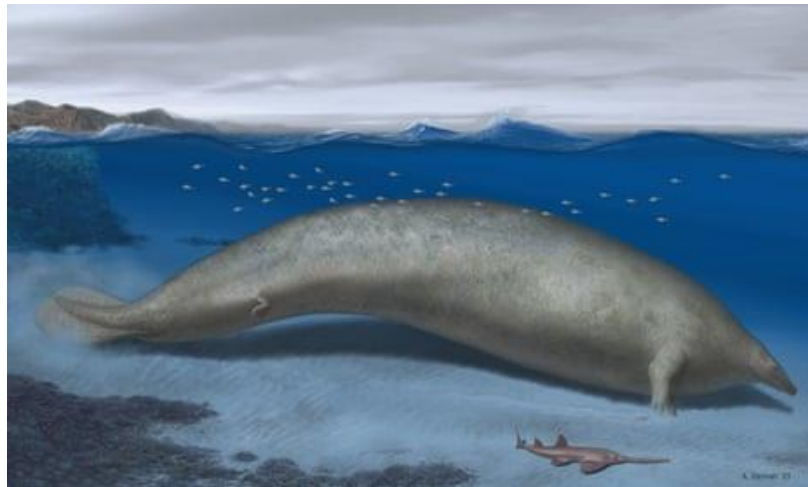
Source: The Guardian

By: Gabreilla Sotelo, August 2, 2023

The fossilized bones of an enormous ancient whale that patrolled coastal waters 40m years were found by fossil hunters in the Ica Desert of southern Peru. The bones of the newly discovered species indicate this whale is a contender for the heaviest animal ever to have existed on Earth with fully grown adults thought to weigh in the hundreds of tons according to researchers.

“It was very unlike anything I had seen before,” said Alberto Collareta, a paleontologist at the University of Pisa who worked on the fossils. It is “the heaviest skeleton as far as mammals are concerned, possibly the heaviest vertebrate ever”, he said. The new species, named *Perucetus colossus* after the country of origin and its gigantic size, could have grown larger and heavier than the blue whale (the blue whale was widely regarded to hold the record for the animal with the largest body size), the scientists said.


Writing in the journal [Nature](#), Collareta and colleagues described how the fossils were discovered 13 years ago but took many years to prepare for study. Unlike most whales, which have relatively light skeletons and can prey on fast-moving fish and other marine creatures, *P. colossus* had heavier bones and was more likely a slow-swimming scavenger. The researchers reached the conclusion after comparing 13 vertebrae, four ribs and a single hip bone from *P. colossus* with bones from close whale relatives. Beyond its vast size, *P. colossus* appears to have had forelimbs for walking on the seabed and little, vestigial hind limbs.



Reconstruction of *Perucetus colossus* in its coastal habitat, with an estimated body length of 66 feet.

Photograph: Alberto Gennari

For more information on this discovery go to: [Newly discovered whale species could have been heaviest animal ever | Palaeontology | The Guardian](#) and/or [A heavyweight early whale pushes the boundaries of vertebrate morphology | Nature](#)



12,000 Year History Park: Fall 2023 Tours

Sept. 2: Native American Lifeways, 10:00AM
 Sept. 9: Native America Lifeways, 10:30AM
 Sept. 16: Civil War Tour, 10:00AM
 Sept. 23: Colonial Forts Tour, 10:00AM
 Sept. 30: Civil War Tour, 10:00AM

Oct. 7: **No Tours**
 Oct. 14: Native American Lifeways, 10:00AM
 Oct. 21: Colonial Forts Tour, 10:00AM
 Oct. 21: Native American Lifeways, 2:00PM
 Oct. 22: Civil War Tour, 2:00PM
 Oct. 28: Civil War Tour, 1:00PM

Nov. 5: Special Native American Lifeways with Guests, 10:00AM
 Nov. 11: Colonial Forts Tour 1:00PM
 Nov. 18: Civil War Tour, 10:00AM
 Nov. 18: Native American Lifeways, 2:00PM
 Nov. 25: Civil War Tour, 1:00PM

History Tours start at the Cayce Tennis Center at 1120 Fort Congaree Trail in Cayce. Park at the Tennis Center. Parking is free.

For any updates, please visit our website at cayce12000years.com and follow us on Facebook and Instagram for new information!

If you have questions please contact (803)-739-5385.

**SWEETGRASS JEWELRY
MAKING CLASS.**

WITH MARY GRAHAM-GRANT
 PARTICIPANTS WILL MAKE BRACELETS, EARRINGS AND NECKLACES!



AUGUST 12TH 10AM TO 2PM

AT THE CAYCE HISTORICAL MUSEUM VISITORS CENTER. CALL ELIZABETH (803-739-5385) TO REGISTER. SPACE IS LIMITED TO 20 PEOPLE.

CLASS IS \$60.00 BY CASH OR CHECK. BE SURE TO BRING A MEASURING TAPE AND SCISSORS!

We will be hosting Mary Graham-Grant for a sweetgrass jewelry making class on August 12. **Space is limited so be sure to call ahead to reserve a spot.** We hope to see you there!

Cayce Historical Museum
 1800 12th Street
 Cayce, S.C. 29033

Meteorites 2023

<https://www.amsmeteors.org/category/fireball-sightings/>

alpha Capricornids

Next period of activity: July 7th, 2023, to August 15th, 2023. The alpha Capricornids are not a strong shower with a “plateau-like” maximum centered on July 31st. From the equator northward, they rarely more than five shower members per hour.

Southern delta Aquariids

Next period of activity: July 18th, 2023, to August 21st, 2023

Next Peak night **July 30-31, 2023**

The Delta Aquariids are another strong shower best seen from the southern tropics. North of the equator the radiant is located lower in the southern sky and therefore rates are less than seen from further south. These meteors produce good rates for a week centered on the night of maximum. These are usually faint meteors that lack both persistent trains and fireballs.

Columbia Gem & Mineral Society
 2023 Please Copy 55th Annual

Gem Mineral & Jewelry Show




Nov. 17, 10:00 - 6:00 Jamil Temple
Nov. 18, 10:00 - 6:00 206 Jamil Rd.
Nov. 19, 12:00 - 5:00 Columbia, SC 29210

Adults \$6... Children 16 & Under Free
All Military & Dependents Free

With ID card

 www.cgms.rocks  **\$1.00 Off**

803-736-9317



\$1.00 Off with this Ad

55th Annual Gem, Mineral, & Jewelry Show 2023
 Fri Nov. 17, 10:00 - 6:00.
 Sat. Nov. 18, 10:00 - 6:00.
 Sun. Nov. 19, 12:00 - 5:00.

Jamil Temple, 206 Jamil Rd. Columbia, SC 29210
\$6 adults, Sixteen & under free.
All military & their dependents free with ID
803-736-9317 www.cgms.rocks





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Adults \$6... Children 16 & Under Free
All Military & Dependents Free

With ID card

 www.cgms.rocks  **\$1.00 Off**

803-736-9317

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

301 Gervais Street
Columbia, SC 29201
803-898-4921

Hours of Operation:

Mon: Closed, Tue – Sat: 10 a.m. to 5 p.m., Sunday: 12 to 5 p.m.

September 3, 2023: First Sunday Sponsored by BlueCross BlueShield of South Carolina

General admission is only \$1 on the first Sunday of every month. For an additional price, guests can enjoy a planetarium show and/or a 4D theater movie.

Planetarium Theater Shows: (Advance online ticket purchases are encouraged, especially if you wish to see planetarium and/or 4D shows.)

Live Sky Experience Travel through the night sky and take a tour of the constellations, planets and other celestial objects that can be seen in the current night sky from right here in Columbia. Learn how the sky changes over the course of the night and journey through space to get a close-up look at Jupiter, Saturn, and Mars. Show Run Time: 30 mins. Check website for show times.

MARS: One Thousand One takes viewers away from planet Earth, into space, and across our solar system to our neighboring planet. This thrilling planetarium experience follows the fictional story of the Mars IRIS 1 mission, a daring 1001-day voyage to fly an international crew to the planet and return them safely to Earth. The crew faces a few dangers along the way, including a solar coronal mass ejection that threatens their safety. And, once on Mars, viewers will see the team work on the planet's surface, exploring the landscape, looking for water, and retrieving rocks in a search for the history of water.

James Webb Space Telescope: The Story Unfolds as you 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. 42 min. Check website for show times.

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.

Penguins 4D Narrated by award-winning actor David Tennant, this fascinating film takes viewers from the freezing Antarctic to the scorching tropics as it follows the story of one of nature's most devoted parents – penguins! Featuring 3d visuals and immersive effects.

Public Observatory Times (weather permitting)

Solar Observing: Mon: Closed, Tues. – Sat: 12 to 5 p.m., Sun: 1 to 5 p.m.

SFMS Workshops

The Southeast Federation of Mineralogical Societies has a Workshop Program, which offers members the opportunity to gather for week-long, hands-on seminars taught by experienced instructors. Whether you are a newcomer to the lapidary arts and want to learn the basics or are experienced and want to learn something new or advance your skill, the Workshop Program has something for you. A broad range of courses related to the lapidary arts are taught by qualified, volunteer instructors from throughout the Federation. The workshops are well equipped for lapidary activities such as cabochon cutting, faceting, and silversmithing. Workshops are held at Wildacres, near Little Switzerland in North Carolina, and at the William Holland Retreat near Young Harris in northeast Georgia.

Wildacres Classes, Week 1, August 14-20, 2023

Casting	Hydraulic Press/Rolling Mill	Fused Chain
Special Projects	Stained Glass	Wire I/Weaving
Silver I+	Scrimshaw	

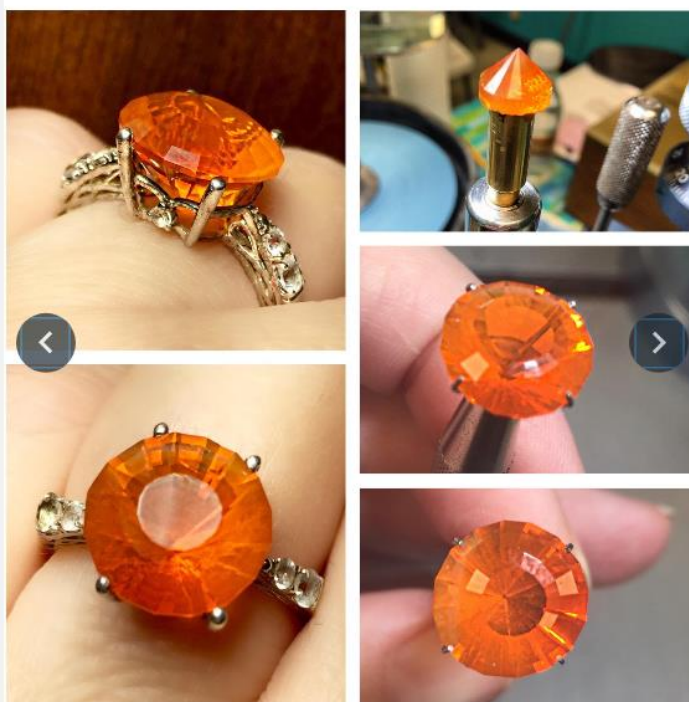
Wildacres Classes, Week 1, September 11-17, 2023

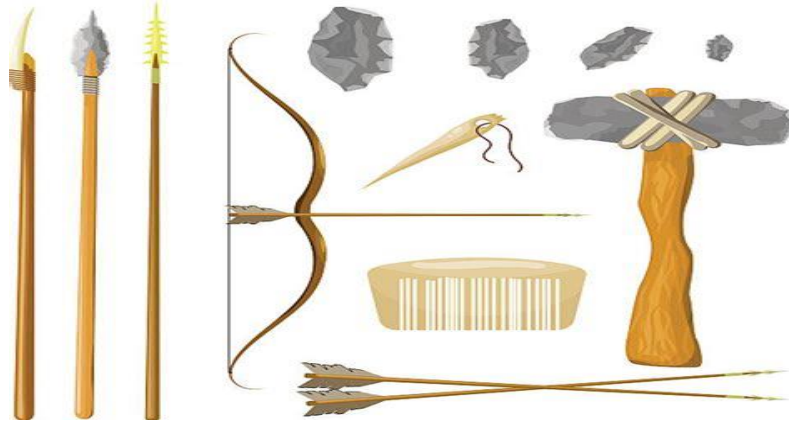
Weave-Tap-Drop	Wire I/Weaving	Polymer Clay
Silver II- Inlay with Knives	Chain Maille	Leather Bi-Metal Bracelet
Acid Etching & Enameling	Metal Clay	

For more information or to register go to: [SFMS Workshops](#)

Examples of what you can learn

Images by Barbi Beatty





AREA SHOWS

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

July 30-August 6, 2023: Spruce Pine, NC: 36th Annual Grassy Creek Gem & Mineral Show
Organized by: Parkway Fire and Rescue Department Parkway Fire and Rescue (Parkway Fairgrounds 136 Majestic View, Spruce Pine, North Carolina 28777) Gem Show hours 10 to 5 with FREE ADMISSION. Contact Us: grassycreekgemshow@gmail.com

August 3 – 6, 2022 Spruce Pine, NC: NC Mineral & Gem Festival, Pinebridge Center 97 Pinebridge Ave., Spruce Pine, NC 28777 The Festival features gem, jewelry, and mineral dealers from across the country showcasing their merchandise to fit every budget.
www.ncgemfest.com

August 26 to 27, 2023 Atlanta Jewelry Show Cobb Galleria Centre Atlanta, GA 30399
www.atlantajewelryshow.com

August 25-27, 2023—MARIETTA , GEORGIA: Annual show; Bellpoint Gem Show; Cobb Civic Center, 548 S Marietta Pkwy; BJ; Email: mbellpoint@gmail.com ; Website: www.bellpointpromotions.com

September 1-4—RALEIGH, NORTH CAROLINA: Annual show; Treasures of the Earth, Inc; North Carolina State Fairgrounds, 4285 Trinity Road, Kerr Scott Building; contact Ellen White, (757) 641-2124; Email: Ellen@TreasuresOfTheEarth.com; Website: www.treasuresoftheearth.com

SEPTEMBER 8-10—WINSTON-SALEM, NORTH CAROLINA:
Annual show; Forsyth Gem & Mineral Club, Inc; Educational Building Winston-Salem Fairgrounds, Gate 9 - 412 27th Street, NW; We are on Face Book @ Forsyth Gem, Mineral, Fossil, Jewelry Show; contact Arvil Marion; Email: marional@yadtel.net;

October 6,7 & 8, 2023 (Tentatively) Lincolnton, GA Graves Mountain Rock Swap and Dig
<https://www.gaminerall.org/ft/commercial/ftgravesmain.html>

November 18-19, 2023, Columbia, SC 54th Annual Gem, Mineral, & Jewelry Show 2023
Columbia Gem and Mineral Society Jamil Temple 206 Jamil Rd. Columbia, SC 29210
www.cgms.rocks Sue 803-736-9317

CGMS 55th Annual Gem, Mineral, & Jewelry Show 2023

Fri. Nov. 17, 10:00 - 6:00

Sat. Nov. 18, 10:00 - 6:00

Sun. Nov. 19, 12:00 - 5:00

Jamil Temple

206 Jamil Rd.

Columbia, SC 29210

Exit 106 off I26

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

\$6.00 for adults, Sixteen & under free with adult. 3-day pass - \$10

All military & their dependents free with ID Card

CGMS Name Tag

CGMS name tags can be obtained from Irmo Trophy. If you would like one, please contact Irmo Trophy by email. Tell them you are requesting a Columbia Gem and Mineral Society name tag and provide the name you want on it. The cost is \$7.



Irmo Trophy Co.

irmotrophy@gmail.com

803-798-3735

5430 Old Bush River Rd.

Columbia, SC 29212

We also have patches for \$10. Angela Valvasori will have them available at the meetings.



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 affiliates of the American Federation of Mineralogical Society Inc.

2023 OFFICERS and COMMITTEE CHAIRPERSONS

EXECUTIVE COMMITTEE

President..... Jim Cobb.
 Vice President..... Jonathan Wenzel.....
 Treasurer..... Angela Valvasori.....
 Secretary..... Ron Ahle.....

COMMITTEE

MembershipSheila Frame.....
 Auctioneer..... Jason Dolinski
 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.....
 Rookie RockhoundOpen
 Show.....Open
 Sunshine Abbie Gates.....
 Website..... Steve Coker.....
 Workshop..... Gary Hert.....



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 at the McKissick Museum's Auditorium, on the USC campus. Socializing and refreshments at 7:00 pm; Meeting at 7:30 pm. Please enter from the Horseshoe entrance.

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**