

TAR HEEL



ROCKHOUND

AUGUST 2025

Catawba Valley Gem & Mineral Club, Inc.

2025 Officers and Committees

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Club Address: PO Box 2521, Hickory NC 28603-2521
Regular Meetings: Second Tuesday, 7:00 PM
St. Aloysius Catholic Church, 921 2nd St. NE Hickory, NC
Annual Dues: Family, \$25, Individual, \$18

The purpose of the Club is to increase the individual's knowledge of the earth sciences and to aid in the development of lapidary and related arts and skills; to promote fellowship and exchange of ideas; to hold exhibitions, contests, lectures, and demonstrations for educational purposes; to help interest more people in the gem and mineral hobby; and to capture and preserve the beauty of nature, the arts, and the works of man.

CATAWBA VALLEY GEM AND MINERAL CLUB, INC.

Web Master: Mike Streeter

<http://www.cvgmc.com>

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PRESIDENT'S REPORT

Hello Fellow Members,

I hope everyone is well and staying cool in this unprecedented heat. There is a lot happening this month with regional gem and mineral shows, two auction opportunities, the Kentucky Field Trip, and the monthly DMC trip (TBA). But the club also needs to look ahead. During the November meeting we will vote on new officers and board members for 2026. According to the club constitution and by-laws we need to vote on a:

President – I will be at the end of my second year and you **MUST** vote on a new president

Vice president

Treasurer

Secretary

And Board of Directors (8-9)

The Board of Directors includes the four officers, Bulletin Editor, Show Chairman, previous president, and one Member-at-Large. However, if a person has two of the above roles, another board member needs to be selected. For example, I am the Bulletin Editor, and will be the former president, therefore another Member-at-Large would be needed.

It would be nice if we could publish a potential ballot in the September newsletter. Please let me know if you are interested in running for a position or would like to nominate someone.

Sincerely,

Tracie J.

CVGMC MINUTES FOR JULY 8, 2025

The July 8, 2025, meeting of the CVGMC was called to order by President Tracie J. at 7:00 PM.

Visitors: Joshua and Christina P.

Program: 'Historical Aspects of Norway' by George M.

Minutes: A motion was made and seconded to accept the June 10, 2025, minutes. The Club passed the motion.

Treasurer Report: No Report

Education Committee:

CVGMC will do two programs for the Catawba County Library System on Friday, July 16, in Maiden (Volcanos) at 3:00 PM and Friday, July 17, in Conover (Gemstones) at 10:00 AM. Don't hesitate to get in touch with Tracie J. if you would like to help.

Show Committee:

1. The next CVGMC Annual Show will take place from March 6 to 8, 2026. We will return to the Hickory Room, where the October 2024 show was held.
2. The Club needs someone to take over the Facebook advertising for next year's show.

Field Trip Report:

Some members attended the June DMC field trip in Newton. Unfortunately, the day was very hot and humid, and our club members were not very successful in finding specimens.

Old Business:

1. Club discussed the annual Kentucky Field Trip. Contact Slade if going or have any questions.
2. A silent auction will be held during the August meeting.
3. An application for the Wild Acres Scholarship will be available soon.
4. Members will soon receive contact information for club members.

New Business:

1. Members were shown a possible club t-shirt design and asked for input. We will discuss this again next meeting.

Announcements:

A reminder that Jeff S. invited the club to join several other clubs for a field trip to the Raleigh State Museum on July 19, 2025. The clubs will be given a private tour of the museums' geology collections. If Interested please contact Jeff S.

Closing of Business: The meeting was adjourned at 8:05 PM

Respectfully Submitted,
Tracie Jeffries, President

AUGUST PROGRAM

The August program will be "Kentucky Memories" given by member Harry P.

CLUB OUTREACH AND VOLUNTEER OPPORTUNITIES

The two Catawba County Library System programs went well. The gemstone program at the Conover Library was well attended. Approximately 15 children screened for gemstones in water filled kiddy pools. The children went home excited about the 'treasures' they found. The second program, on volcanoes, at the Maiden Library was attended by 12 children. They all went home with a nice piece of pumice.

CLUB SILENT AUCTION

The club will have a silent auction during the August meeting. The items were donated to the club by the late Judy Galey's son. Other items will be auctioned at the annual Christmas party in December. Money from these items will help fund our Wildacres Scholarship. Items for August include seashells, coral, miscellaneous small tools, minerals with no information: geodes, amethyst, talc, baggy of 'rubies and sapphires', calcite and quartz crystals, lots of various how to books on wire wrapping, beading, making jewelry, etc., and many other items. The rules are listed below.

1. You must be present to bid.
2. Bidding will begin at 6:10
3. There will be a sheet with each item. There will be a starting bid and a minimum bidding increment requirement.
4. Bidding on an item multiple times is allowed.
5. Bidding will stop when the meeting starts. However, there will be a 15 minute pause between the program and business portions of the meeting for final bids. All bidding stops at the end of this 15 minute break.
6. At the end of the meeting winning bids will be announced.
7. All bids and sales are final and all payments are cash only.

GEOLOGY MADE EASY: HOW TO STORE AND DISPLAY YOUR COLLECTION

By Tracie J.

Many rockhounds begin by acquiring or discovering a few rocks and minerals. These are usually placed on shelves around the house as decorations. But what do you do when you suddenly realize that you have lots of rocks and minerals? What was once a simple interest has blossomed into a hobby. In previous articles, we discussed how to clean, organize, and catalog your collection, but what do you do with your collection now?

STORAGE:

There are multiple ways to store specimens and many factors to consider. Ask yourself the following questions:

- Is your storage short-term or long-term?
- How much space do you have?
- Where will you store your specimens? Will they be outside under a shed, in a dark, damp basement, or in a climate-controlled room?
- How much are you willing to spend? This may depend on whether it's short-term or long-term storage. Also, consider the quantity and quality of your specimens. There is a big difference between storing uncracked geodes and storing high-end mineral crystals and gemstones.
- What size are your specimens? (See Table 1)

	Maximum size in inches	Maximum size in centimeters
Thumbnail	1	1.5
Toe-nail	1.5	3.8
Miniature	2	5.1
Cabinet	5	13
Large Cabinet	➤ 5	➤ 13

TABLE 1: Specimen sizes according to the Tucson Gem and Mineral Show competitive exhibitor handbook.

Remember, ultimately, you want to keep your collection organized, clean, dry, labeled, and easily accessible (See Images 1, 4, and 5). Try to find containers and/or cabinets that:

- Are durable and will last over time. For most collectors, this means buying plastic containers rather than cardboard-based containers (See Images 2 and 3). Higher-end options may include purchasing metal or wooden collecting cabinets (See Images 4 and 5).
- Allow you to compartmentalize specimens (See Images 2, 3, and 6-9). Putting samples into individual spaces to help organize, label, protect, and access specific specimens. Another option is to place individual specimens in foldable mineral boxes then place these in storage cabinets, cardboard flats, and other various containers (See Images 4 - 9) .
- Have extra room or space that will allow you to expand your collection over time.

- Are stackable (See Images 2, 3 and 9). This maximizes the use of your storage space.
- Do not absorb moisture; this reduces damage to specimens and issues with mold, mildew, and rust.
- Are transparent; it is easier to find specimens later if you can quickly view the contents of a storage container (See Image 2). Whether it is transparent or not, all containers should be labeled.
- Have tight-fitting lids or doors to reduce exposure to moisture, dust, and other elements (See Images 2 – 5, and 9).
- Are acid-free to reduce any possible interactions with specimens or their labels (See Image 8).



IMAGE 1: Here is the geology department storage room at Western Illinois University. Notice the use of everything from professional wooden collection cabinets to bookcases, cardboard boxes, various plastic containers, and plastic tubs. Nevertheless, the collection is organized, neat, labeled, and specimens are easily accessible!

https://www.wiu.edu/coehs/education/centers/science_education/RockandMineralRoom.php



IMAGE 2: Plastic containers are cheap and easy to find. Many come with adjustable compartments. They are also light weight, transparent, and usually stackable. <https://storables.com/articles/how-to-store-rock-collection>



IMAGE 3: There are numerous types of display boxes with compartments. They come in a variety of sizes. They are relatively cheap, easy to use, and stack. Try to purchase the boxes with plastic trays.

https://www.homesciencetools.com/product/collection-display-box-15-compartments/?srsltid=AfmBOorQFwW9MjNwjBQMGJXQNpZz8czptE7qpr6TlxDeMcUw4ahc_964



IMAGE 4: There are many types of small storage cabinets available online or from various retail stores. The best types have lots of drawers of multiple sizes. The metal cabinet shown above also has a way to label each drawer. <https://www.containerstore.com/s/office/filing-cabinets/bisley-white-8--and-10-drawer-collection-cabinets/12d?productId=10000342>



IMAGE 5: Here is a sample of a museum quality storage system. Notice the drawers are encased within glass doors to reduce dust, moisture, and other potentially harmful elements. These cabinets were custom made for the Arizona State University Center for Meteorite Studies. ASU has one of the largest university-based meteorite collections in the world.

<https://www.spacesaver.com/case-study/custom-museum-cabinets-display>



IMAGE 6: Fold-up specimen boxes come in a large variety of sizes. Once folded they are usually lined with cotton or polyester batting to hold and cushion your specimens. The SB 8 code indicates that eight boxes of this size will fit into a standard flat.

<https://shannonsminerals.com/shannonsminerals/catalog/category/view/s/faltschachteln/id/9/>

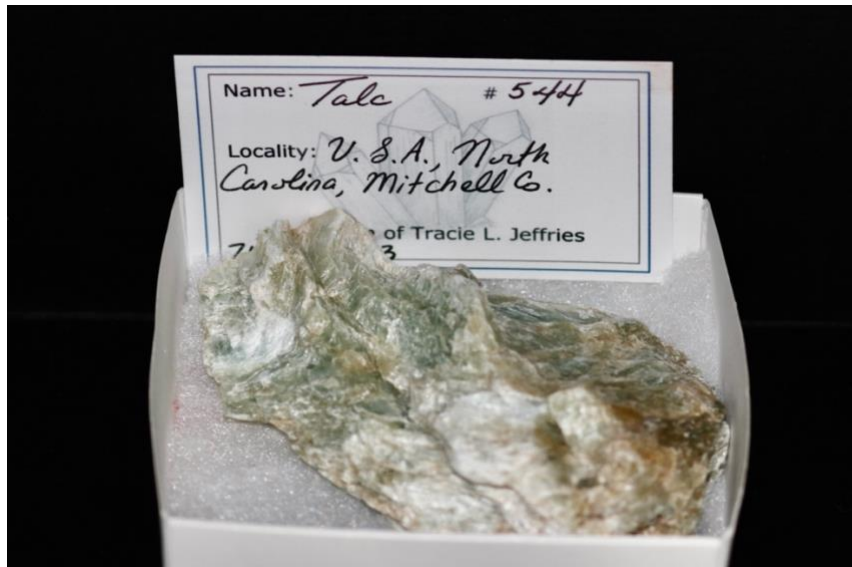


IMAGE 7: Talc specimen in a fold-up specimen box. Photo by Tracie J.



IMAGE 8: Museums use archival level storage boxes that are sturdy, acid-free, moisture resistant, and free from other additives that may interact with specimens. Photo of boxes at the North Carolina Museum of Natural Sciences. Photo by Tracie J.

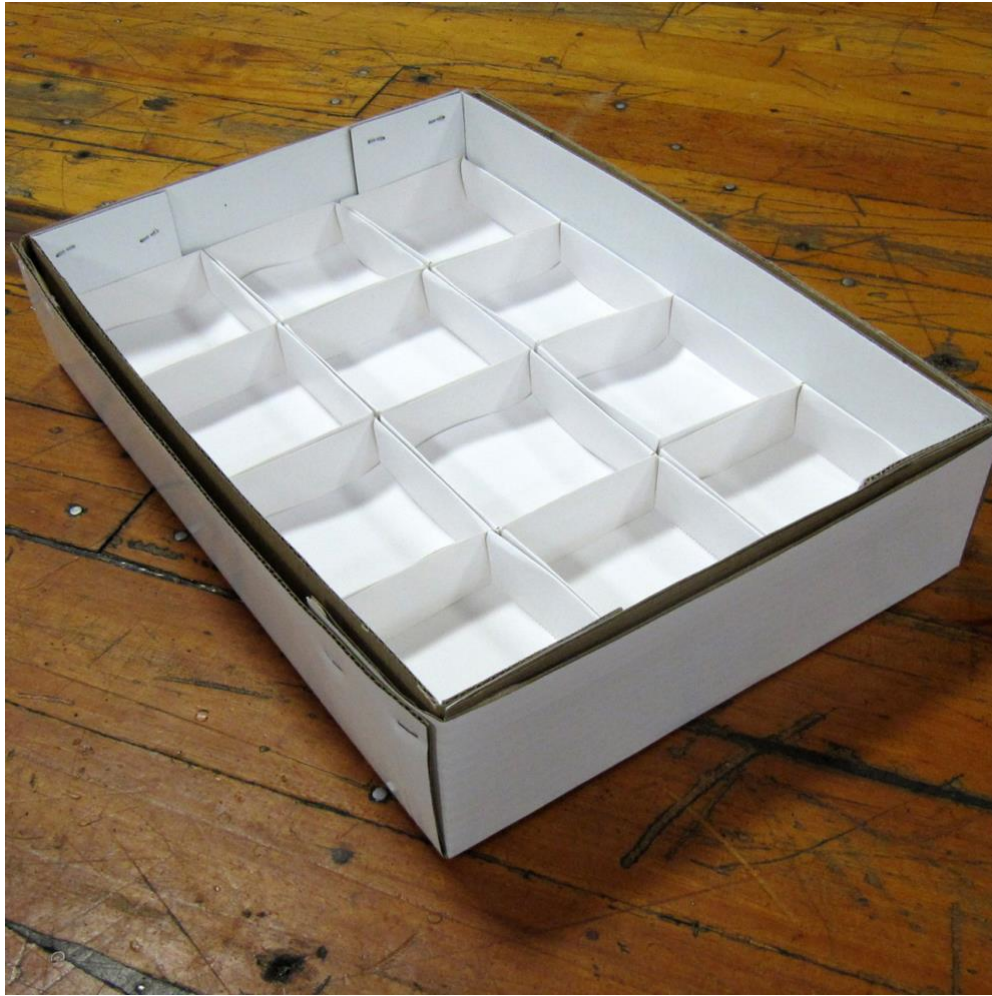


IMAGE 9: Cardboard flats are perfect ways to store and transport your specimens. They arrive flat and you have to fold and staple them together. They come with the bottom and lid. The fold-up boxes in this flat would be coded SB 12, since 12 fit neatly into the flat. The flats come in depths ranging from 1.5 to 5 inches. <https://www.entertheearth.net/4-deep-mineral-specimen-white-flats-set-of-50-tops-50-bottoms-flat001/>

DISPLAYS:

There are as many ways to display collections as there are collectors. Displays can range from small, simple, casual, and creative (See images 10 - 13) to larger, more formal or professional displays (See images 15 and 18). There are also many 'accessories' that can enhance storage and/or displays. These include perky boxes, gem jars, Riker mounts, floating display cases, stands, risers, and more (See Images 14, 16 -23). There are some factors to consider when putting a display together, but let's first explore the various ways to showcase a collection.



IMAGE 10: Displays can be very simple and informal. Above is a collection of heart-shaped minerals in a heart-shaped wooden bowl. Photo by Tracie J.



IMAGE 11: This is a doll house China cabinet painted and decorated with miniature rocks and minerals. The entire display is less than 7 inches in height. It is a fun and creative way to showoff very small specimens. This was seen at the Grassy Creek Gem and Mineral show in Spruce Pine, N.C. (Ira and Everlee Poage, follow at [moonstonelapidaryarts@ gmail.com](mailto:moonstonelapidaryarts@gmail.com))



IMAGE 12: A popular method to display collections is to use old printer trays and whatnot shelves. They are very versatile. They can be found in different sizes, as wall hangings or free-standing, modern or antique, and from simple to elaborate. Photo by Tracie J.



IMAGE 13: Many collectors use various types of curio cabinets. This collector has an informal display of rocks and minerals. It is not well organized or labeled, but it is very eye-catching and interesting. https://www.reddit.com/r/Crystals/comments/1frxyfw/30_years_of_collecting_and_out_of_room/



IMAGE 14: Bookcases are a favorite way to display collections. Bookcases vary in size, may or may not have glass doors, and can be home-made, high-end pieces of furniture, or something in between! Note the use of risers to maximize space. <https://thejinxshelfshop.com/reviews/>



IMAGE. 15: Above is an example of a museum quality display. The specimens are labeled, well-lit, neatly arranged on glass shelves, and are locked behind sliding glass doors. <https://displaycasecanada.ca/portfolio/museum-display-case/bancroft-mineral-museum-bancroft-ontario/>



IMAGE 16: Various accessories can enhance your storage and displays. Note the acrylic risers, 3-peg stands, and bases, also shown is a Riker mount, and small wooden easel stands. of Photo by Tracie J.



IMAGE 17: Above is a museum display using clear glass risers. The risers allow for efficient use of space and better views of the specimens.

https://commons.wikimedia.org/wiki/File:Collection_of_rocks_and_minerals_in_the_State_historical_museum_of_the_Southern_Urals_-_2.jpeg



IMAGE 20: Some collectors only collect thumbnails. These small specimens still exhibit mineral traits, take up little room, and are usually cheaper than larger samples of the same mineral.
<https://www.temu.com/1pc-2pcs-natural-crystal-mineral-box-home-decor-small-gift-g-601099535338050.html>



IMAGE 21: Gem jars come in several sizes and with white or black foam.



IMAGE 22: Gem jars can be stored in a variety of protective cases. This is a great way to protect and display cut gemstones. https://www.reddit.com/r/Gemstones/comments/1foi2sd/storage_advice/



IMAGE 23: Floating Display Cases available online or at retail stores like Hobby Lobby and Walmart. They come in a variety of sizes and allow specimens to be viewed from all angles.

How you display your collection is a matter of personal preference. There's no right or wrong way, but there are factors to be aware of and consider. Where and how specimens are displayed may affect them and/or the collector over time. Several aspects to keep in mind include:

Light

Some rocks/minerals will change color when exposed to light, especially UV light. For example, turquoise, rose quartz, amethyst, and blue beryl will fade or lose color when exposed to light. Others may darken or even change to a different color. One notable example is Proustite. Freshly found crystals are usually a vivid scarlet red, transparent, with a sparkling adamantine luster. However, over time, when exposed to light, they turn black, dull, and opaque. Furthermore, be careful that a display light source is not also heating the specimens.

Temperature

Not many rocks and minerals are directly affected by temperature, unless it's an extreme and/or rapid change. Some rocks and minerals may expand and contract in response to temperature changes, causing cracks, warping, or breakage. Experts recommend keeping temperatures between 59.0°F and 77.0°F (exact ranges vary with sources). But the principal influence of temperature is its effect on relative humidity.

An unusual example of how temperature affects minerals is Cinnabar (Cinnabarite), a mercury sulfide mineral. The mineral decomposes when exposed to light and forms small droplets of Mercury, which can be absorbed through the skin. At room temperature, these droplets can vaporize. Inhaled Mercury can severely damage the body and, over time can even cause death.

Moisture

Moisture is a major enemy of collections. That moisture is usually in the form of relative humidity (RH), which is a measure of the amount of water vapor in the air. For most collections, RH should be between 45% and 60% (% varies some depending on resource). For example, not enough RH can cause slate to dry out and become brittle, while too much RH can cause alabaster to dissolve and erode over time.

Here are some key facts:

- Most chemical reactions require water.
- Warm air can hold more water than cold air.
- For every 10 °C rise in temperature, chemical reaction rates double.
- Chemical deterioration is one of the primary causes of damage to collections

Moisture can cause rust/oxidation, mold and mildew growth, bacterial growth, and physical and chemical changes in specimens. Many collectors are familiar with pyrite decay or the oxidation and tarnishing of metals such as Galena. Extreme or rapid fluctuations in RH can cause some minerals to expand and contract as they absorb and release water. This can cause minerals, such as Ivory to crack. Another classic example is Halite, also called rock salt. Halite easily absorbs moisture, and if not stored properly, will slowly degrade and eventually dissolve away.

Interaction between other rocks and minerals

Some minerals need to be stored or displayed away from other minerals. For example, over time, sulfur minerals naturally produce hydrogen sulfide (H_2S), which is a poisonous gas. When hydrogen sulfide combines with water, it produces sulfuric acid (H_2SO_4). Sulfuric acid can damage other minerals, especially carbonates such as calcite, dolomite, and siderite. The hydrogen sulfide gas will also affect other minerals, such as silver. Hydrogen sulfide gas and silver react to form silver sulfide that tarnishes the silver.

Toxicity and Radiation

Some rocks and minerals can be potentially dangerous if not stored and handled correctly. They may be radioactive, such as Autunite, Torbernite, and Uraninite (also known as pitchblende). Other rocks and minerals may contain elements that are toxic to the body if ingested, inhaled, or absorbed through the skin (See Table 2). A collector should research potentially dangerous rocks/minerals and follow safety guidelines when storing, displaying, and handling these specimens.

MINERAL	CHEMICAL COMPOSITION	TOXIN	DAMAGE TO BODY
Cinnabar	HgS	Mercury	Neurotoxin: Enters body through ingestion, breathing, and absorption through skin.
Galena	PbS	Lead	Neurotoxin: Highly toxic if swallowed or ingested
Orpiment	As_2S_3	Arsenic	Carcinogen, Neurotoxin, and more: If oxidized and handled incorrectly it can cause arsenic poisoning.
Chrysotile	$\text{Mg}_3(\text{Si}_2\text{O}_5)(\text{OH})_4$	Asbestos	Carcinogen: Fibers breathed into the lungs can cause lung cancer, mesothelioma, and asbestosis.
Stibnite	Sb_2S_3	Antimony	Antimony poisoning is similar to Arsenic poisoning

TABLE 2: Some minerals are potentially dangerous and need specialized storage and care.

RESOURCE:

For cleaning, storage, and displaying, museums, and high-end collectors often refer to a free online database, the 'Mineral Susceptibility Database (MSD)'. This database is based on Frank Howie's 1992 book, 'Care and Conservation of Geological Material'. This publication was the first to address professional care and preservation of minerals. The database has information on approximately 600 mineral specimens. Various tables show data on mineral susceptibility to light, temperature changes, moisture (water and relative humidity), oxidation, acids, interaction with other minerals, and other factors (See Table 3). This information is helpful when cleaning, storing, and displaying specimens. Use the link below and download the MSD-2021.06 PDF.

Mineral Susceptibility Database (MSD) :

<https://ora.ox.ac.uk/objects/uuid:f278e995-c892-4537-b763-424ef52051f5>

HEY NUMBER	MINERAL NAME	CHEMICAL FORMULA	CONDITION	RESPONSE	APPEARANCE	ALTERATION
16.1.2	spodumene	LiAlSi ₂ O ₆	light	colour change (var. kunzite, hiddenite)	fades rapidly	
16.2.2	analcite	Na(AlSi ₂ O ₆) · H ₂ O	moist air	hydration		to higher hydration states
16.2.2	analcite	Na(AlSi ₂ O ₆) · H ₂ O		dehydration		to lower hydration states
16.2.5	natrolite	Na ₂ Al ₂ Si ₃ O ₁₀ · 2H ₂ O	moist air	hydration		to higher hydration states
16.2.5	natrolite	Na ₂ Al ₂ Si ₃ O ₁₀ · 2H ₂ O		dehydration		to lower hydration states
16.2.7	paranatrolite	Na ₂ Al ₂ Si ₃ O ₁₀ · 3H ₂ O		dehydration		to natrolite
16.4.1	nepheline	Na ₃ K(Al ₄ Si ₄ O ₁₆)	light	colour change	colourless: pale pink	
16.4.1	nepheline	Na ₃ K(Al ₄ Si ₄ O ₁₆)	light	colour change	pink: fades	
16.4.1	nepheline	Na ₃ K(Al ₄ Si ₄ O ₁₆)	moist air	hydration		to nepheline hydrate I
16.6.1	beryl	Be ₃ Al ₂ Si ₆ O ₁₈	light	colour change	maxixe: fades or pink; morganite: (paler) pink	

TABLE 3: Above is an example of data from the Mineral Susceptibility Database (MSD).

<https://mineralcare.web.ox.ac.uk/database>

Hopefully, the information above helps you display and take care of your collection properly, so it can be enjoyed for many years to come!

FORSYTH GEM AND MINERAL CLUB AUCTION

Our club has been invited to attend and to participate in the Forsyth Gem and Mineral Club Auction. You may participate as a buyer and/or as a seller. If you are interested please contact Jeff S.

Forsyth Gem & Mineral Club Auction Details

In place of our normal monthly field trip, our club will feature an Auction! The date will be **Saturday, August 23rd, from Noon till 4:00PM**. It will be held at **Cornerstone Christian Church (1585 Hwy 801 North, Mocksville, NC. This is 3.7 miles north of I-40, taking exit 180 for Hwy 801N just after the Tanglewood exit heading west)**. There are rules that we will follow to ensure a smooth, planned event. If you have any questions about these rules, please contact Jeff Schlottman **before** the event!

Rules:

- (1) **Sellers** are allowed to auction off a maximum of 10 items each. We will invite other clubs as well to this year's event, with the expectation that it will bring in more items to purchase, and more buyers as well.
- (2) Proceeds are divided between the **seller (80%), and the Club (20%)** if an item sells. Items may be donated to the Club, in which the Club retains the full amount of the sale.
- (3) Items **must be related to our hobby**. This includes minerals, books, jewelry, tools, fossils, supplies, cut stones, etc. Non-mineral items will not be offered up by the Auctioneers.
- (4) All sellers and buyers **must** get a number assigned (sellers must get one before the auctioning starts!). The number is used to know who is selling an item, and who has the winning bid. The first person would be 1, then the next is 2, and so on.
- (5) All items **must be labeled**. A "Post-It" or piece of paper is fine. The label will include the seller's number, the name of the item and (if applicable) location details. **If there is a minimum bid for an item, it must be noted on the label.**
- (6) Items are auctioned off in a manner to make everything fair. Items will be sold as follows: 1a, 2a, 3a, 4a, 5a... and so on so that everyone has a chance to sell their items. Then we go to everyone's second item, like 1b, 2b, 3b, 4b....
- (7) Items sold will be given to the buyer after it sells. The buyer will settle up for all items purchased (and turn in their card) **before they leave**. Cash and checks are allowable modes of payment; **no credit/debit cards**.

I will be there to open up and prepare the room at Noon. At 12:15 we will let people in to bring in their items and to preview things that are for sale. **We will start the Auction promptly at 1:00PM. Please**

come before 1:00PM to preview items. We will take brief intermissions (5 minutes) each hour to look at remaining items, but you will not be allowed to simply walk up to look during the Auction!

The Auction will end at 4:00PM. At that time, we will remove our material, settle up for purchases, and clean up the room. Plan to be out by 4:30PM.

Auctioneers, Lowell Baker and Jeff Schlottman, suggest bringing your cash/checks and excitement for a fun event! There will be plenty of great pieces and great buys!

LABOR DAY KENTUCKY FIELD TRIP

The Labor Day Trip, August 30-September 1, will be similar to past years, but the schedule will be a little different. The order of quarries will be reversed. Saturday and Sunday are currently planned to be at Liter's Quarry. Monday morning will be in the Danville Quarry and the afternoon will be geode collecting. This arrangement will allow a shorter drive home on Monday. Also, be aware that I-40 may still be closed, and travel time will be increased. I am assuming that there will be a rock swap Friday evening and possibly Saturday evening, but the swap has become more of a rock sale.

Friday check-in and Sunday checkout: Wingfield/Greenfield Inn - Elizabethtown, KY - ~\$124/Night +taxes and fees

Sunday check-in and Monday Checkout: Quality Inn - Danville, KY - ~\$90/night + taxes and fees (cheaper option if non-refundable)

Waivers, at least for Danville, need to be completed and signed before entry into the quarry.

Safety Equipment: At least one quarry has changed ownership/rules. Safety equipment must be worn at all times to be granted entry. Much more stringent this year! Items in bold below are required at least for Danville (good for all quarries), no exceptions.

Tools:

- Buckets
- Gloves
- Knee Pads
- Cooler and Drinks
- Wrapping Material (During collecting and packing for travel)
- Rock Hammer
- Chisels
- Sledge Hammer (4 lb., 8 lb., and larger may be useful)
- **Hard Hat (If purchasing - Recommend full-brim and vented)**
- **Long Pants**
- **Steel-Toe Boots**

- **Safety Glasses**
- **Safety Vest and/or bright (hi-vis yellow or orange) shirt**

Thought also for everyone collecting, here and everywhere: "The amount of "luck" in finding specimens is primarily dependent upon the effort exerted in looking."

Slade needs a head count of people planning or likely to attend. You can also contact Slade if you need anything or have questions.

WHAT'S HAPPENING IN OUR AREA

WHAT	WHEN	WHERE
Grassy Creek Mineral and Gem Show	7 – 27 thru 8 - 3 Hours: 10:00 - 6:00	Parkway Fire and Rescue Event Grounds 136 Majestic View Spruce Pine, NC
Jewel Passage Rocks, Minerals, Gems , and Jewelry beads Show	AUG. 9 - 10 Hours: Sat-10-6 pm Sun- 10-5 pm	Raleigh Fairground, Kerr Scott building Address: 4285 Trinity Road Raleigh, NC
Jewel Passage Rocks, Minerals, Gems , and Jewelry beads Show	AUG. 9 - 10 Hours: Sat-10-6 pm Sun- 10-5 pm	Mebane Arts and Community Center Address: 106 E Washington St Mebane , NC
Treasures of the Earth	8 -29 thru 9 -1 Hours: Fri Noon-6:00 Sat/Sun 10:00-5:00 Mon 10:00-4:00	Venue: North Carolina State Fairgrounds Address: 4285 Trinity Rd Raleigh, NC Website: http://treasuresoftheearth.com/
Forsyth Gem and Mineral Club Show	Sept. 5 – 7 Hours: Fri/Sat 10:00-6:00 Sun 11:00-5:00	Dixie Classic Fairgrounds Educational Building Address: 421 27th St NW Winston-Salem, NC Website: http://www.forsythgemclub.com/

NOTE: The annual NC Mineral and Gem Festival (inside show) in Spruce Pine has been canceled, but the Grassy Creek Show (outside show) is still scheduled.

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Club Meetings
2nd Tuesday of Month, 7:00PM
St Aloysius Catholic Church
921 2nd Street NE Hickory, NC

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