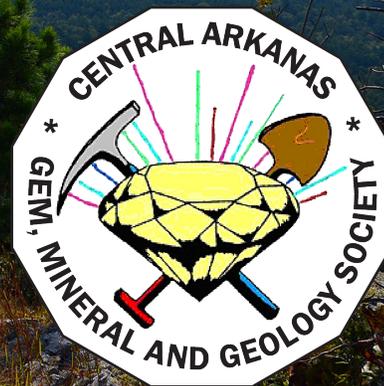


# ARKANSAS ROCKHOUND NEWS



## MISSION STATEMENT

The Central Arkansas Gem, Mineral and Geology Society is dedicated to promoting interest in mineralogy and the related sciences, interest in lapidary and the related arts; to encourage field trips and the enjoyment of collecting and preserving minerals as they occur in nature, and the study of geological formations, especially those of our Natural State of Arkansas.

We are a small group of people that enjoy getting together to share our common interests.

Regular meetings are at the Terry Library (2015 Napa Valley Drive Little Rock, AR 72212) 6:30 PM on the fourth Tuesday of the month (except December)

AUGUST 2021

## TUMBLERS and TUMBLING

*presented by Bill Alcott at the July 27, 2021 CAGMAGS meeting*

The speaker for the CAGMAGS meeting was multi-faceted Bill Alcott. In addition to demonstrating his skill with fire opals at the show, he also does tumbling of rough stones. Bill brought his 2 barrel rotary tumbler to the meeting with many samples of stones, tumbled to different degrees. He began by showing how sandpaper is graded by the number of tiny stones it takes to line up in an inch - 60 grit means it takes 60 tiny pieces to make an inch, 200 takes 200 pieces and so on. So the bigger the grit #, the finer the sandpaper. Tumbling grit is graded the same way. 60 grit is the coarsest, and either 60 or 80 is the first grit used in a tumbler. Then, 120, 200, 400 or 600, then 1200 or polish. Usually it takes 3 or 4 grits before the final polish. Time is one key ingredient in a successful tumbling run. He suggested 1 ½ weeks for the first grit, then a week each for the rest.

He then demonstrated how to load the tumbler, and explained the rocks should be just barely covered with water, then add grit before carefully sealing the container. Grit amounts vary with tumbler size, so one must check with the manufacturer, or online to see how much to use, usually just a couple tablespoons full, with much less for the final polish. Can you mix types of stone? Definitely not. It's better to tumble only one specific hardness level at a time - usually all the same type. Where can you buy

*...continued on page 4*

ARKANSAS ROCKHOUND NEWS is the official newsletter of the Central Arkansas Gem, Mineral and Geology Society. It is published monthly. To submit information, articles or photographs please email Nikki Heck, [nikkidheck@gmail.com](mailto:nikkidheck@gmail.com).

## 2021 Officers & Committee Chairs

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David Hodge  
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**HELP!**  
**Send in your:**  
stories, articles, tips,  
photos  
suggestions or questions!

Submissions due by the  
28th of each month.

## Meeting minutes...

July 27, 2021

-Lenora Murray, Secretary

The regular monthly meeting of the Central Arkansas Gem, Mineral and Geology Society was held July 27 at the Terry Library in Little Rock. The meeting was called to order by President John Schoeneman, with 14 members present. We had no guests, but John welcomed back members who returned after a long COVID absence. Lenora Murray read the secretary reports for both the June 22nd meeting and the Executive Committee meeting June 26. Bill Alcott moved, and Dave Murray seconded motion to accept minutes as read. Copies were available for members. Our treasurer and vice-president were absent, so there was no treasurer report. Dave Murray gave a short show report. Fliers were sent to dealers and are available for members to start passing out and posting around town. Thanks go to Nikki Heck for preparing them. We all agreed the swap in June was a big success. Thanks, Barbara Champagne, for the snacks and drinks.

The field trip situation is on hold due to the heat right now. Cindy Lynn mentioned David Hodge is in contact with the Batesville folks, and hopes to have a trip there in the fall, possibly October. John Schoeneman is contacting James from Eminence Mo, about a possible collecting trip to that area. Stephanie Blandin brought the first order of t-shirts! They are great. She gave a cost breakdown for anyone who wants to order one. Small through XL are \$21.90, XX up are \$24.09. Please phone her if you want one by the next meeting. (501- 590-5760) NO texts or emails please. Thank you, Stephanie, for a job well done!

*The one* new order of business was a rather lengthy discussion of changes to our Constitution, By-Laws and Officer Duties that are necessary to be able to proceed with organizing as a non-profit (501C3) corporation. Lenora has been in contact with our attorney, James Kubicek, and had copies of the proposed amendments. As required by the constitution, copies of the documents will be printed up by Lenora and sent via email to all members before the next meeting. (Those without an email address will receive copies by mail.) CHANGES or additions will be in bold and italicized. Mr. Kubicek will rewrite the Mission Statement to conform to the necessary legal format. Members will vote at the August meeting to accept or reject the new Constitution.

In the Show and Tell portion, Debbie Bodeker had a necklace that was glass, but flint knapped by Jan Freebe, who we hope will give a flintknapping demonstration at our show. Stephanie Blandin had a rare coin that was from the Alcoa Bauxite area. Lenora had pictures from the weekend trip the Murray's made to the Frisco, Texas and Tulsa, Oklahoma rock and mineral shows, with a visit to relatives in between. There being no further business, Stephanie Blandin moved, and Cindy Lynn seconded to close the business meeting at 7:30.

The following is what happened after the business meeting: Nobody was selling tickets for the raffle, so we went to the program. Stephanie introduced BILL ALCOTT who gave a lecture and demonstration on Tumblers. The

lecture notes are elsewhere in the newsletter. After the lecture, a few hardy folks stayed to stuff the grab bags our treasurer Barbara Champagne had sewn. Thank you, Barbara, for the OVER 100 bags we now have ready for the show. And THANKS to John Schoeneman, Bill Alcott, and Debbie Bodeker for minerals to stuff the bags. This helper thinks John's poker chip calcites and Bill's Lake Superior agates are tied as the most valuable pieces our diligent, speedy workers put in the bags. We ran out of my geode pairs. (I thought there were only 50 bags). All bags have at least 10 assorted mineral samples and will be for sale for \$4.00 each at the show, We workers will probably be buying a few!! Dave and Lenora want to thank you for staying Bill, Cindy, Jim, Debbie, and Sharon Watson. And, we cleaned up, and still locked up the library at 8:55. PS: Stephanie mentioned next month's program may be on making cabochons, with a portable cab machine. Check your email for other club announcements!

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### Executive Committee Meeting of CAGMAGS

June 26, 2021

*-Lenora Murray, Secretary*

The summer Executive Committee meeting was held at Burns Park, N.L.R. It was called to order at 1:00 PM by President John Schoeneman, with 11 members and guests attending. There were no minutes of previous meetings. The new list of Officer Duties was handed out and discussed with minor changes.

We need a new Publicity Chair, but no one volunteered. Nikki Heck is updating the website, and posting the newsletter on the site, Lenora and Nikki are monitoring our Facebook page. Copies of this month's newsletter were available for new members at the swap. Jay Hester volunteered to help with the website and on-line publicity.

The sunshine committee and phone tree were discussed. Stephanie Blandin is making a birthdays calendar.

Connie Schoeneman will send out sympathy and get-well cards as requests are known. Debbie Bodeker, Stephanie, Connie, and Lenora will be part of the phone tree Lenora will check with current chair Anita Gray-Major to coordinate sunshine and phone tree activities.

Dave Murray as show chair discussed: Many Demonstrations are planned, including fluorescents, wire wrapping, lapidary work, flint knapping, jewelry making, gem tree making and possible geode cracking ? possibly gem tree making by Lenora(time tba).

PUBLICITY chair is needed. AND, we need to re-energize the Sign-Up Genius Connie used in 2018-19. The paper sheet at meetings will be available in July.

Dave is getting flyers printed and on the way to dealers. We need to get some to jewelry stores asap and for club members to pass out. (Thanks, Nikki, for the flyers) David M. also asked for help moving club display boxes and other supplies from the storage shed to the community center, and to put things back after the show. John Schoeneman and David Hodge were 'volunteered' Thanks

guys!

Other business: Someone needs to gather newsletter and put them away 'historically'.

Stephanie repeated request for Biographies of your life as a rockhound, with Pictures for newsletter. Many discussions were going on, but no new' business; so, Lenora Moved, and Stephanie Blandin seconded the motion to close. Meeting was closed at 1:40 pm.

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June 22, 2021

*-Lenora Murray, Secretary*

The regular monthly meeting of the Central Arkansas Gem, Mineral and Geology Society was held June 22 at the Terry Library in Little Rock for the first time since COVID cancellations. The meeting was called to order by Vice-President Mike Howard at 6:30 PM with 19 members present.

Lenora Murray read the minutes; no treasurer report was available. In old business Stephanie Blandin gave a report about t-shirts. Bring your money to place an order at the July meeting. David Murray gave a short report on the show preparations. Barbara Champagne made up and donated bags for 'Grab Bags' to be sold at the show. Nikki Heck made up fliers for the show including a photo of the Grand Prize quartz, and Dave will be getting some printed soon.

In new business, Lenora handed out copies of the revised "Officer Duties" to be discussed at the next executive committee meeting. It will be Saturday June 26 at 1:00 PM at Burns Park, since most of the committee members will be there for the swap. Stephanie mentioned we need articles for the newsletter and suggested "Profiles" from each member. Write about your mineral collecting, favorite trips, how you became interested, favorite minerals, or whatever. Then send it to Nikki, with pictures, so it can be published in an upcoming issue. The swap will be our Field Trip for the month of June, this Saturday from 9 to 4 at Burns Park.

One important order of new business was a discussion on hiring an attorney to draw up papers so we could become either a 'hobby club' or a Nonprofit Corporation(401C3). Lenora Murray moved that we secure services of an attorney, James Kubicek, to draw up paperwork to give the club legal standing to register as a nonprofit organization. The motion was passed unanimously.

We thanked Tom Sharp for securing Terry Library for the next 7 months. And we gave David Hodge a big round of applause for opening his condo meeting room to us for all the meetings during the pandemic. A brief discussion of the Holiday Party for December was held, but no decisions were made regarding date or location. There being no further business, we closed the business meeting for the program.

The program, fascinating as always, was by Mike Howard. But since Nikki will have more details on this in the newsletter, I am not including it in the minutes.

*continued from page 1...*

grit? The best, cheapest right now is online, as none of us knew of stores close by that sold grit cheaper. What breaks the most often? Belts. Bill mentioned it's much cheaper to buy them from Grainger Industrial Supply Center in Little Rock than to buy from the tumbler sales websites. Where can we buy tumblers? Harbor Freight or online are the best sources. Harbor Freight has 1- and 2-barrel tumblers, and 2 different size vibratory tumblers. And Harbor Freight doesn't have shipping costs. What kinds of stones should you NOT tumble? Anything under hardness of 6 will not do well and will just fall apart. What if you don't have enough of one kind of rock? Bill introduced the solution: using small plastic beads to fill the tumbler to the preferred halfway mark. Others added that plastic tile spacers can also be used. But Bill reminded us that once a set of beads is used for one grit, don't use them in any finer grit. He emphasized that it is very important to rinse, rinse, rinse the tumbler and especially the rocks after each grit. And never, never pour the rinse water or the slurry down any drain! Rinse outside, or into a bucket, not the sink!

The last topic Bill covered was the use of vibrating tumblers versus rotary tumblers. Vibrating tumblers are noisier and tend to move across any surface they are on. But Bill uses his vibrating tumbler to harden his silver jewelry findings. He explained that the last step in silver is called a pickling pot, this step leaves tiny marks on the silver. So, he puts his silver in the vibrator with small steel pins and uses a burnishing fluid as the liquid. This hardens the silver and removes the copper spots, leaving the silver beautifully polished. Bill ended his presentation by setting up his tumbler (empty of course) and running it. Even empty, it was so loud we could scarcely hear the end of the presentation. In other words, run it outside, or in another building. Or, if you want to get rid of unwanted guests, just turn on the tumbler indoors. The talk had lots of jokes like this one, I just forgot to write them down.

Thank you, Bill, for a great informational fun presentation!

July's meeting featured Bill Alcott discussing tumbling.



# Fluorescent Minerals

presented by Mike Howard at the June 2021 CAGMAGS meeting

All minerals reflect light, that is what makes them visible to our eyes. Fluorescent minerals can absorb light and then release it at a different wavelength. This change in where there is no normal light and only high energy light like UV or x-rays are being used. In fluorescent mineral study ultraviolet light is used. About 15% of all minerals will fluoresce, but not all mineral of the same type will fluoresce the same color or at all. The reason for this is that minerals are rarely pure. This is because of defects in the crystal structure or the presence of impurities in the mineral. These impurities known as activators are typically metals or rare earth elements.

How does fluorescence work? A high energy photon from the light sources strikes an electron in the outer shell of a mineral atom and is absorbed causing it to jump to a higher energy level. This is only temporary and as the electron falls back to the original lower level it releases energy in the form of light. This new light is now at longer wavelengths that we can see as visible light.

There are three common ultraviolet ranges:  
Shortwave 100-280nm wavelengths  
Midwave 280-315nm wavelengths  
Longwave 315-400nm wavelengths

Minerals can react differently to different wavelengths. Some may fluoresce under one type but not the others. Some may fluoresce under all types. Some may be different colors under different wavelengths. About 90% of all fluorescent minerals work best with shortwave light. Longwave known as black light it what is used on posters and party materials. Black lights will work on some minerals but not as good as a shortwave light.

There are safety concerns when using an ultraviolet light. Never look directly at the light, this is like looking at the sun and can cause eye

damage. Wear eyeglasses that protect against this kind of light. Remember the warning about watching the solar eclipse. Also prolonged skin exposure can cause sunburn, just like a tanning booth. When looking for fluorescent minerals in the dark, have a regular flashlight handy. Organic things tend to fluorescence also like spiders, snakes, scorpions and etcetera. Make sure to check what you are about to pick up, not all pretty objects are rocks.

There are some other luminescence properties. Phosphorescence is the ability to glow in the dark. Thermoluminescence is glowing when being heated. Thermoluminescence is glowing when a mechanical force is applied.



Mike Howard presenting about Fluorescent minerals at the June Meeting.



## Of interest...

### To Be or Not to Bee

by Stephanie Blandin (2-2014 rev. 6-2021)

Can a bumble bee, be jasper? Well, if you said it can't, you be right! Bumble bee "jasper" has only been known about since the late 1990's (celestial earth minerals 2014). It gets it's name from alternating yellow, orange and black layers that remind you of a bumble bee and has a wide variation in colors and patterns. Actually, it isn't true "jasper," because it does not consist primarily of microcrystalline quartz. It is actually a sedimentary rock that contains: sulfur (yellow), manganese oxides (black), realgar and orpiment (arsenic-sulfide minerals) (orange) and calcite and aragonite (calcium-carbonate minerals) which holds it all together! It forms in volcanic environments. It is a porous, layered, multi colored rock found only on the Indonesian island, Java (celestial earth minerals 2014). It has a mohs hardness of about 4.0. It is used as a gemstone and is usually coated with clear epoxy resins to enhance stability, colors and hardness and also to eliminate porosity and most importantly it protects the wearer from arsenic poisoning! It is highly collectible because of its' unusual formations, colors, patterns and availability.



## Recent events...

Recent events included the rock swap and stuffing rock goody bags!



## Member spotlight...

New column! Each issue will feature a club member and their background in rocks/minerals/fossils/lapidary.

**Member name/  
hometown:** Nikki Heck,  
Mount Vernon, Arkansas

**How long have you  
been a CAGMAGS  
member?** 6 years

**How and when did you  
become interested in  
rocks/minerals/fossils/  
lapidary?** My parents

were always picking up rocks and driftwood on our travels when I was a kid so somehow that rubbed off on me. I began collecting when I was probably 8. I remember going to a CAGMAGS show or swap out at Burns Park back then and I subscribed to Rock and Gem (I still have the issues!). I also remember visiting the Quartz locations in Arkansas and Rockhound State Park in Deming, New Mexico back many, many years ago. Fast forward about 20 years, my collection just sat in boxes, then Brandon came along and took an interest in picking up pebbles. That turned into taking him to dig quartz which turned into taking him to some mines out west while we were on vacation. Then I had to figure out what to do with all these rocks we were collecting. Lapidary was the answer and how I ultimately began seeking out the CAGMAGS club. Brandon kept collecting minerals and I started collecting lapidary and silver working equipment! I enjoy both specimen collecting and the lapidary side of it as well.

**Tell us about your favorite rock/mineral/  
fossil/lapidary material in your collection.** My favorite mineral has always been malachite. I still have the piece (a polished slab) I bought at the CAGMAGS show probably 30 years ago, granted I dropped it a couple of years ago while packing, so now I have two pieces...



What does your collection look like? Do you specialize in any specific types or locations? I don't collect any specific type or from any specific location, but I do tend to collect blue and green minerals so if I had to pick, it would probably be carbonate minerals from AZ and NM. As for the lapidary side, I mostly work with different agates and most of them are Mexican crazy lace or west Texas plumes. I also love to hoard Turquoise (and it's much easier to work since it is soft!) Since we started going to the Memphis club's show each year, I have also gotten into working with Opal some, I love the Australian boulder opal, it's messy but neat.

**What is your favorite rock/mineral/fossil/  
lapidary memory? A collecting trip? A  
museum? One that got away?** It's hard to pick a favorite. We have visited so many great locations, mines, and museums over the years. For a family memory, probably one of our earliest trips with Brandon to the Black Hills Rockhound area near Safford, Arizona. It was insanely hot, and I don't know that we found much fire agate, but we did come back with a ton of chalcedony roses and pieces. He had a blast and that was fun to watch, that's when I really got back into it. For collecting, Brewster County, Texas is the best agate picking I've visited, and it is beautiful country. There is an awesome museum in Leadville, Colorado, the National Mining Hall of Fame and Museum and of course, you really can't beat the Smithsonian. One that got away?? I had the opportunity to buy some beautiful amazonite/smoky quartz combos and didn't. It was years ago, and my excuse was I didn't have enough cash on me!

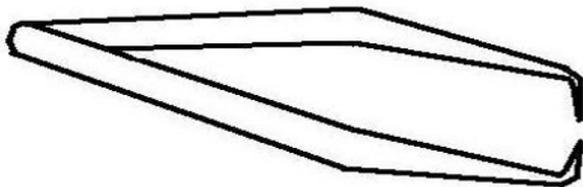


My original malachite slab...before it became 2!

## Brad's bench tips...

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### Find the Balance Point



With odd-shaped pendants or earrings it's often difficult to find the right place to attach a bail or loop so that the piece is balanced and hangs straight.

A quick way to make a tool for this is to modify a set of tweezers. Any set of tweezers will work. Spread the tips, sharpen them with a file, and bend the tips at a right angle to point towards each other.

To use the tool, suspend the pendant or earring between two sharp points to see how it will hang.

### Drill Breakage

Using a small drill is difficult for a beginner, especially if it is hand held in a flexshaft or Dremel. They are easily broken if you push too hard or if you tilt the drill while it's in the hole.

Most problems, however, are the result of buying cheap drills that suffer from poor quality steel and/or inaccurately ground cutting edges. A good drill from jewelry supply companies is well worth the price.

Remember that drilling always goes easier with lubrication. A little wax or oil is all you need. Almost anything will work - Three and One, beeswax, mineral oil, injection wax, car oil, olive oil, or one of the commercial cutting waxes. The lubricant helps to move chips out of the hole and reduces friction of the drill against the side of the hole, keeping the drill cooler.

### Smart Solutions for Your Jewelry Making Problems

[Amazon.com/author/bradfordsmith](https://www.amazon.com/author/bradfordsmith)

## From the editor...

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Welcome to August! First off, I hope and pray that all of you are well and staying healthy. We'll eventually get this COVID beat, but for now, please remain diligent in taking care of yourselves and your family.

Thank you to all of those that have recently contributed to the newsletter! I love seeing stuff from y'all. Please, please continue to send news, stories, photos, etcetera. I'll be taking another trip out to New Mexico soon and hope to get in a little rockhounding so hopefully I'll come back with some photos and rocks!

Next, you may have seen the new column, thanks to Stephanie for the suggestion. I thought I would be the first so that y'all can see what we're looking for. Now, I would be happy to have volunteers for next month, but I am not afraid to call you out if I don't get any!

Some programming notes, the August meeting will be on the 24th and will be the first of a two part series by Jay Hester on cabbing. In the August meeting he will be discussing the preparation steps before you begin cutting. He'll also have some cool specimens to show so please join us!

The Memphis Archaeological and Geological Society will be having a rock swap and sale on Labor Day in Barlett, TN. More information can be found on their website, [www.memphisgeology.org](http://www.memphisgeology.org).

## Kids Corner...

Brandon Heck is the Junior Editor of Arkansas Rockhound News. He is 13 years old and has enjoyed rockhounding since he could walk. In each issue he will share information about minerals that he loves and about his adventures in rockhounding.

### **SOME FAVORITES FROM THE BRANDON HECK COLLECTION**



Dumortierite quartz  
from Bahia, Brazil  
purchased from Rocksaholics



Galena  
from the Deveti Septemvri Mine in Madan,  
Bulgaria  
purchased from migiminerals



Bi-color Tourmaline with Albite  
from Stak-Nala, Gilgit-Skardu Road,  
Northern areas, Pakistan  
purchased from UC Minerals

## Upcoming area shows...

### August 2021

21-22—BOSSIER CITY, LOUISIANA: Annual show; Arklatex Gem & Mineral Society; Bossier Civic Center, 620 Benton Rd., 2009 Chelsy Dr.; Sat. 9-6, Sun. 10-4; \$4.00; Aug 21-22 Bossier City, Louisiana: 46th annual show, Ark-La-Tex Gem & Mineral Society, Bossier City Civic Center, Sat 9-6, Sun 10-4. Adults \$4.00, Admission is free for Children under 6 & Students with I.D., Custom and unique Jewelry, Beads, Gems and Minerals, Fossils, Educational exhibits and Demon; contact Delwin Glasner, 2009 Chelsy Dr., Benton, LA 71006, (318) 517-7372; Email: dglasner2001@yahoo.com; Website: Delwin Glasner

### September 2021

10-19—DENVER, LOUISIANA: Annual show; Eons Expos, RLLLP; National Western Complex, 4655 Humboldt Street; daily 10-6; Free admission; Denver area largest show, with 100 tents outside and 400 dealers inside on both floors of the Main Building and on both levels of the adjacent Events Center; contact Lowell Carhart, 106 Horseguards Ave, Bossier City, LA 71111, (804) 291-6357; Email: lowellcarhart@yahoo.com; Website: <https://www.coliseumshow.com>

11-12—SILOAM SPRINGS, ARKANSAS: Annual show; Northwest Arkansas Gem & Mineral Society; Siloam Springs Community Building, 110 N. Mt. Olive St in Downtown; Sat. 9-5, Sun. 10-4; \$3 donation; Dealers in rocks, minerals, cabochons, fossils, finished jewelry, educational exhibit cases, live demonstrations, and activities for children.; contact DeLane Cox, 8152 Spanker Ridge Dr., Bentonville, AR 72712, (479) 254-0894; Email: delanec3@earthlink.net

17-19—LINCOLN, MISSOURI: Annual show; Mozarkite Society of Lincoln, Inc.; Mike Hare Memorial Ballfield, Under the water tower; Fri. 9-5, Sat. 9-5, Sun. 9-3; free admission; contact Kelly Blum, (816) 835-2044; Email: Mozarkiterocks@gmail.com; Website: Mozarkite.com

24-26—JOPLIN, MISSOURI: Annual show; Tri-State Gem & Mineral Society and Joplin Park & Recreation; Joplin Historical & Mineral Museum, 504 S. Schifferdecker Ave.; Fri. 9-5, Sat. 9-5, Sun. 9-3; Free admission; contact Christopher Wiseman, 504 S. Schifferdecker Ave., Joplin, MO 64801, (417) 623-1180; Email: jmc-cwiseman@sbcglobal.net; Website: Christopher Wiseman

25-26—LUBBOCK, TEXAS: Annual show; Lubbock Gem and Mineral Society; Lubbock Memorial Civic Center, 1501 Mac Davis Lane; Sat. 10-6, Sun. 10-5; Adults \$4, seniors \$3, ages 6-12 \$2, and free admission for children 5 and under; Vendors selling rough rock and minerals, fossils, lapidary tools; demonstrations and displays; silent auctions; and activities for children; contact Walter Beneze, PO Box 6371, Lubbock, TX 79493, (806) 797-5832; Email: walt@lubbockgemandmineral.org; Website: [www.lubbockgemandmineral.org](http://www.lubbockgemandmineral.org)

25-26—IRVINE, KENTUCKY: Show and sale; Southeast KY Gem, Mineral, & Fossil Club; Estill Co. Fairgrounds, Hwy. 89, 38 South Irvine Road; Sat. 9-6, Sun. 10-3; Free admission; contact Francine Bonny, P.O. Box 121, Irvine, KY 40336, (859) 200-46; Email: kyrockclub@gmail.com

25-26—LUBBOCK, TEXAS: Annual show; Lubbock Gem & Mineral Society ; Lubbock Memorial Civic Cente, 1501 Mac Davis Lane; Sat. 10-6, Sun. 10-5; Adults \$4, seniors \$3, students 6-12 \$2, free admission for children 5 and under; About 22 dealers participate in the show, selling jewelry, loose gemstones, lapidary rough, cabs, slabs, geodes, beads, mineral specimens, fossils, spheres, and lapidary tools. An impressive part of the show is non-competitive exhibits, including 70 cases. The show is also host to the South Central Federation of Mineral Societies (SCFMS) Annual Convention, which includes speaker Helen Serras-Herman, sharing her Must-See US Gemstone Mines research. ; contact Lubbock Gem & Mineral Society ; Website: <http://www.lubbockgemandmineral.org>

**MEMBERSHIP FORM**  
**Central Arkansas Gem, Mineral and Geology Society**  
**Membership Dues: \$15 / year Individual; \$25 / year Family**

Make checks payable to: "Central Arkansas Gem, Mineral and Geology Society".

Name: \_\_\_\_\_ Date \_\_\_\_\_

Business Name: \_\_\_\_\_ Birthday: Mo. \_\_\_\_\_ Day \_\_\_\_\_

Address: \_\_\_\_\_ Anniversary: Mo. \_\_\_\_\_ Day \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone No. \_\_\_\_\_

Cell Phone \_\_\_\_\_

Email address: \_\_\_\_\_ Occupation \_\_\_\_\_

How would you like your Club Newsletter delivered? U.S. Mail \_\_\_\_\_ Email \_\_\_\_\_

Family Members are considered as all of those living at the above address.

Please list their names, Birthday Mo./Day, if applying for a Family Membership.

Because of limited space, only one name will appear on the newsletter mailing label.

How did you hear about our Club?

\_\_\_\_\_

How long have you been interested in this hobby? \_\_\_\_\_ Do you have any equipment? \_\_\_\_\_

I would be interested in Attending \_\_\_\_\_ Hosting \_\_\_\_\_ work shop in \_\_\_\_\_ (subject)  
on \_\_\_\_\_ (day of week)

Please circle your club interests:

Mineralogy    Lapidary    Fossils    Field Trips    Geology    Carving  
Collecting    Jewelry Making    Casting    Silversmithing    Beading    Wire Wrap

Other \_\_\_\_\_

Outside Interests: \_\_\_\_\_

These will be listed in the Membership Directory, so that members can find others with similar interests. In what areas would you be able to assist the Club:

Social    Publicity/Advertising    Educational    Junior Programs    Membership  
Annual Show    Committee Work    Newsletter Articles    Mineral Display

Other: \_\_\_\_\_

What would you like to see the club focus on in the coming year? \_\_\_\_\_

\_\_\_\_\_ I do not want my name to appear in the Club Directory.

\_\_\_\_\_ My name and address can appear, but NOT my Phone Number.

\_\_\_\_\_ Please do NOT include specifically the following info about me: \_\_\_\_\_

Please Mail to:

**CAGMAGS, c/o Barbara Champagne, P.O. Box 241188, Little Rock, AR  
72223**



Central Arkansas Gem,  
Mineral & Geology Society  
PO Box 241188  
Little Rock, AR 72223

2021 CAGMAGS  
Gem, Mineral &  
Jewelry show  
October 2 & 3

### 2021 Meeting Dates

We are back to  
meeting at Terry  
Library each  
month!

August 24th  
September 28th  
October 26th  
November 23rd

### Recent and Upcoming Birthdays...

MIKE HOWARD 7-2  
BILL ALCOTT 7-24

DAVID MURRAY 8-12  
STEPHANIE BLANDIN 8-23  
LENORA MURRAY 8-25  
PAT KISSIRE 8-27

SARAH DODSON SEPTEMBER  
JOHN SCHOENEMAN 9-22