Volume 16 Issue 3 June 25, 2016

Photo by Beverly Kraft

The Nugget

North Mississippi Gem & Mineral Society Newsletter

Nancy at Narley

Notes from the President's Desk….June 2016

Welcome to summer! After a rather boisterous May, with the club having something scheduled for every weekend, June seemed rather quiet for NMGMS. However, even tho there wasn't a regular meeting, there were still club related things going on. Members Mary Reed, Mike Schuchs, Roger Lambert, and Matthew Lambert went up to Iuka to help Bob Marshall's daughter, Susan, go thru Bob's collection and get as much as possible identified, before a portion of the collection was donated to the museum at the Tishomingo State Park. I would like to thank Susan Savarin for donating Bob Marshall's lapidary equipment to NMGMS. Hopefully we can continue to help Susan find homes for the rest of Bob's collection and materials.

Rebecca Vallarian and Konrad Armstrong presented a "Minerals and their Uses" program for the Oren Dunn Museum's summer camp. Most of the kids participating in the camp session only spoke Japanese, so even with the aid of an interpreter, lots of hands on and visual demonstrations were needed. I know the group had a really good time and learned a lot, so thank you Rebecca and Konrad for sharing your talents and expertise with the kids. I would also like to thank Robert Langford and Jennifer Eubank for participating in the Fossil Road Show at the New Albany Heritage Museum on June 11th. Even tho space was limited, they still managed to make contact with several families that are interested in NMGMS.

Speaking of families, summer is always a time for doing more things with the kids, since they are out of school. I know I say this every year, but I can't stress this enough, NMGMS is always about education and promoting our hobby, interests, knowledge and expertise with our youngsters. So take time to share your skills or interests with either your own children or mentor some in your community. Even if it is just going for a walk with them and picking up a few rocks along the way, you never know, you may ignite the spark that leads to a future geologist, paleontologist, gemologist, etc. If you are into doing lapidary work or jewelry making, hold a few little workshops for the kids and do some simple projects with them. Leather, macramé, Friendship bracelets, simple wire wrapping, etc., are always popular and you can pick up the materials at one of the local craft stores like Hobby Lobby or JoAnns. Don't forget about collecting shark teeth at Twenty Mile Creek or fossil crabs at the Blue Springs site. Take a few youngsters out to either of these places and I'll bet they'll talk about it for the rest of the summer!

So, even tho NMGMS doesn't hold regular meetings during the summer, there's still plenty of hobby related activities that you can do to keep your interest going. Sharing what you know, love and are good at with others will help you sharpen your skills and keep you learning too. Nancy Roberts

Meeting Program Reviews: Robert Langford's Wire Torque

Photo by Alison Schuchs

At the May 21st meeting, NMGMS members had a chance to try their hand at some wire work. Robert Langford cut lengths of twisted copper wire for everyone to use in making a cuff bracelet similar to the Celtic Torque pieces he had on display. Robert showed how to make the spiral embellishments using a mandrel of the same diameter as the cuff bracelet base wires. With a practiced hand, Robert made curling the wire ends look so easy! Using the heavy gauge wire was a bit challenging, but we all had fun trying our hand at it.

Photos by Nancy Roberts

NMGMS Field Trips: Robert Langford's Summer Schedule

Photo of ID Station by Jim Roberts

Notice: Due to health issues, Robert Langford has had to cancel his summer schedule at Twenty Mile Creek for this summer. He regrets having to do this and we wish him the best with his angioplasty next month. Hopefully he'll be on the road to a good recovery soon. You can, of course, continue to fossil collect at the creek on your own.

List of things to bring:

W. M. Browning Cretaceous Fossil Park: Be prepared to get very wet! The creek bed is rocky and there is some glass and wire, so wear shoes that can be worn into the water. Bring a change of clothes, towel, sun screen, lunch, and water to drink. You will need sieving screens that can be made from window screening attached to a frame, but many people use kitchen colanders or the screens you get in summer beach sand toys, just something to let the sand and water through so you can sort through the coarse material to find the fossils. Bring a trowel or a scoop and a couple of small plastic bags or boxes (egg cartons or yogurt cups with lids will do) to keep your fossils safe.

Field Trip Reviews: Collecting at the Narley Mine

By Jennifer Eubank

Photo by Beverly Kraft

As I sit on my back patio surrounded by fossils, I think back fondly of the great time I had sitting in the rock piles this past Saturday. On the bright warm sunny day of May 7th, 2016, members of NMGMS joined the Alabama Paleontological Society (APS) on their biannual field trip to the Narley Mine of the still-active Best Coal Company. The day was filled with a bunch of "rock heads" loading up their vehicles with Pennsylvanian period plant fossils. NMGMS members in attendance included NMGMS president Nancy Roberts, Jennifer Eubank, Beverly Kraft, and Joy Rushing.

We first met at the Sumiton, AL Walmart at 9:00am. As more and more folks showed up to the meeting place, we all met and greeted each other and became fast friends, as we shared fellow rock-hounding stories. Ashley Allen, president of APS, gave us the run-down of the trip out to the mine and what to expect once we arrived. We all loaded up in our 12 vehicles and car-pooled the approximate 13 mile trip of windy country roads out to the mine. (Warning: you cannot GPS your way there!)

Once arriving at the mine entrance and from that point on while in the mine, you must drive on the left side of the road (like in Great Britain!). This is a mine rule for safety reasons with the big machinery. We next pulled up to the security building. There the group of 18 of us met with the mine's Safety Manager, who so graciously came to meet our group on his day off. He reviewed the safety rules for us while we were on mine property for the day. We then had to sign a form stating we have received the safety briefing, which is good for 12 months, and we were provided a copy.

After the preliminary safety briefing, the safety manager lead us in our vehicles up and down and over and around some large hills until we came to an area with several large cull piles of shale and rock. We met once more where he instructed us about the large areas in which we were permitted to dig and where to avoid. And then away we went! Everyone spread out and each found their own 'hunt' pile.

While on the trip over to Alabama, I wondered what I might find and if I might find anything! Oh, how I was wrong! Fossils! Fossils everywhere you looked! I couldn't believe it! I worked alongside of Nancy and she helped me to identify some of the fossils we were picking up. Time flies when you are having fun, right? Before long it was time to break for a bite for lunch, rehydrate with a bunch of fluids, re-coat with sunscreen and empty the good ol' collecting bag into aluminum foil and box flats! And that was 3 hours later! Time flies….

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Collecting at the Narley Mine by Jennifer Eubank, cont'd:

Beverly found herself a "honey pile" that she worked most of the day. Joy preferred to spend her time strolling around and surface collecting. Nancy and I wandered from pile to pile, up, over and down again. What a leg work-out! By the end of the day, Nancy and I had collected up quite a selection of plant fossils including Calamites, Lepidodendrons, Stigmaria, seed cones and several adorable little ferns amongst others! Ashley Allen, along with Bruce Relihan and Lyle Wilettes decided to claim a very large fossilized tree stump. With the assistance of some of the mine's heavy equipment, the stump was loaded into the back of Lyle's SUV to be donated to the Cooks Museum in Decatur AL.

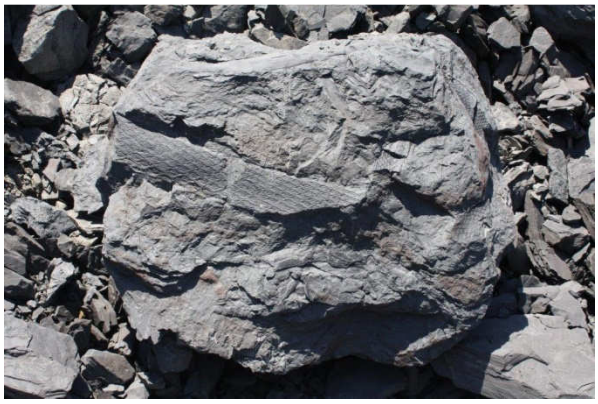


Photo by Beverly Kraft

Field Trip Reviews: Union Chapel Mine By Nancy Roberts

On Saturday, May 14th, NMGMS members again joined the Alabama Paleontological Society for a field trip to the state owned Union Chapel Mine, aka the Steven C. Minkin Paleozoic Footprint Site. Thankfully, it wasn't as hot as the previous weekend trip, and junior members were allowed to collect at this site. NMGMS was also joined by members of the Alabama Mineral & Lapidary Society from Birmingham. We were all looking for the "famous" trackways, but fern, calamites and lycopod fossils were also found. The most prevalent find of the day were arthropod resting traces, left by *Arborichnus repititus* For more information about this site and the identification of some of the trackways found there check out: http://www.alabamapaleo.org/Alabama_Paleontological_Society_files/Minkin%20Guide%20-%20optimized%20Apr%206%202012.pdf

Photos by Nancy Roberts

Coal fossils can turn to dust without proper preservation

By Beverly Pettigrew Kraft

Joy Rushing carefully picked up a seed cone fossil in coal shale, and it fell apart in her hands.

A field trip to a Sumiton, Ala., coal mine at the invitation of the Alabama Paleontological Society on May 7 presented an opportunity to collect a rich assortment of Pennsylvanian Age lycopods, sphenophytes, seed ferns and cordaites. However, some were so fragile that they could not be collected. Photographing some was the only way to capture them.

"We got to enjoy seeing them before they fell apart," said North Mississippi Gem and Mineral Society member Jennifer Eubank.

NMGMS President Nancy Roberts savors the view from atop a rock pile.

The fossil collection site is a broad expanse of piles of shale, the overburden dug away to expose layers of coal. We hunted in an area apart from the rumbling earth moving machinery. Periodically, the roar of machinery was punctuated by the sound of tumbling rocks as workers dumped new loads of overburden along the far side of the mine. Recently dumped piles of rock that ringed our designated hunt area included rich deposits of tree trunk, branch, leaf and root fossils. But the older piles further inside the collection area had deteriorated beyond collection.

Tree trunks, branches are fossilized in shale.

Exposure to the air makes coal shale fossils crumble. They survived entombed under hundreds of feet of soil and rock for millions of years. But a few months of exposure to air after they are unearthed makes the fossils disintegrate.

Keeping the fossils that we collected from turning to dust meant that they would have to be treated with a preservative. Rushing, a volunteer who works on fossil specimen preservation at the Mississippi Museum of Natural Science in Jackson, knows how to mix and apply museum grade Butvar dissolved in acetone. Several days after the trip, we set to work with paint brushes, whisking away surface dust then painting on the clear liquid treatment.

Joy Rushing applies protective coat to fossil slab.

"Just slather it on," Rushing said.

The material dries immediately, so we painted three coats quickly. We will turn them over and paint the bottoms later. Small, delicate specimens were immersed in the leftover solution in a jug.

High humidity made some of the specimens take on a grayish tint. Conditions were less than optimal. Our priority was to get the tops protected in case of rain. Wiping them down with acetone later may take out the cloudiness.

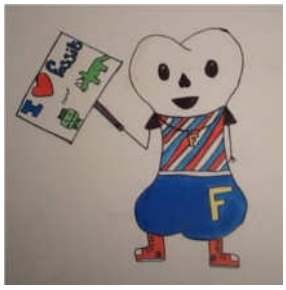
Ventilation is essential, and one must avoid breathing the volatile fumes. This must be what a nail salon smells like. Not that I've ever darkened the door of such a shop; I have farmer and rockhound hands!

Field Trip Reviews: It's a Gold Rush!

NMGMS members enjoyed a fantastically fun Memorial Day holiday weekend at the Alabama Gold Camp near Lineville, AL. Since the Rockheads had been working on the FRA gold mining badge, we thought it appropriate to start off the summer season with a trip to a place where one could actually find some gold. The lure of finding a golden nugget must have been strong, because, even though we were out in the middle of "nowhere" with not even a cell signal, by Saturday the camp was pretty full. Some of us brought our tents or campers and others rented one of the gold camp's cabins. There were people at the camp who had been collecting for quite a while, so they were all set up with dredges and sluices of all kinds, and then there were those like us, who were new to the game and just had shovels and gold pans. We soon discovered that you have to sift thru and pan an awful lot of dirt to find even one tiny grain of gold. Most of what we were finding in the bottoms of our pans was the ever present sparkling chips of mica. Panning is back breaking, tiring work, so to relax and have a bit of fun, we went down the creek to a spot that was full of small garnets and had more fun sifting for those, than a kid in a candy store. Can't say we'll ever get rich, but we sure had a lot of fun! Nancy Roberts

Larry, Konrad and I had a great time on the gold trip. The weather was beautiful and we had wonderful company. We still have to finish panning what we got out of the sluice, (editor: they rented a "high banker" for 2 hours) but it will take a little time, so we brought those findings home. We also had a lot of fun in the creek finding garnets and mica schist. I think a good time was had by all !!!!!! Dana Armstrong

Photos by Nancy Roberts



Rockheads: June 2016

Mascot by Remy Collins

Rockhead Officers:

President,
Konrad Armstrong
Vice President, James Carr
Secretary, Marion Carr

www.amfed.org/fra/ fra_badge.htm

Adult Youth Advisor: Jim Roberts
latergator2003@yahoo.com

At the May 21, 2016 Rockheads' meeting, the junior members in attendance were Konrad Armstrong and Sophie Gunther. As part of the FRA gold mining badge, and in preparation for the upcoming field trip to the Alabama Gold Camp, they practiced the art of gold panning. Jim Roberts had devised a set up using beads and metal pellets to simulate creek gravel and gold. The goal for the Rockheads was to get rid of the beads and leave only the metal pellets at the bottom of the gold pan. Believe it or not, it worked!

Pictures by Nancy Roberts

Konrad and Sophie actually tried the real thing!

Bead Soup: A place to talk "shop"!

Photo by N Roberts

More tips from: RECYCLE WITH A PURPOSE By Nikki Kenney

Save those shiny pages!

Slick paper ads, catalogs and magazine pages, can be used to collect the excess enamel sifted onto a metal blank. I place a fresh piece underneath the metal for each color of enamel, so the excess powder can easily be poured back into its container without contaminating it with another color. I don't recommend using newspaper as the ink can transfer onto clothing, beading mats, and other surfaces, and does not pour as smoothly as from the slick paper.
I also use the slick paper underneath a piece of metal I am cleaning with steel wool, because the resulting fibers can cling to my beading mat or other work surface. Being able to fold the used paper and discard it is an added boon in keeping my area clean.

Lapidary, Safety and Making Cabochons! By Nancy Roberts

Photo by Nancy Roberts

On the evening of May 21st, Charles Carter of the Georgia Mineral Society did a cabochon demonstration for NMGMS members in our workshop room at the Link Center. Charles set up one of his smaller, 4 wheeled cabochon machines, complete with a portable water cooling system, which consisted of a 5 gallon bucket of water and a small submersible pump. Neat! Charles talked about the different wheels on his machine versus the standard grit sizes that you might get on a readymade cabbing machine. You can customize your cab machine, but a good rule to follow is, going up in at least a 2:1 ratio when changing grit sizes. For example: 80, 220, 600, 1200, and 3000 diamond grit wheels. Charles mentioned that after the 3000 grit, the naked eye can't see the scratches left by the grit. Since I was curious, I looked up grit sizes and how they were determined. Here's a really good chart for lapidary wheels, http://www.inlandcraft.com/uguides/lapidary_grit_chart.pdf 80 grit diamonds are 177-149 microns or .007-.006 inches in size and 3000 grit diamonds are 8-4 microns or.00031-.00016 inches. Wow, no wonder you can't see their scratches!
Not only did Charles show us how to take an odd shaped slab and turn it into a beautiful freeform cabochon, but he also went over a lot of safety issues to consider when working with stones and grinding wheels. Here are some of his valuable tips and information:
Use plenty of water! Not just for cooling, but also to keep rock dust down. Water will keep the rock cool so it won't crack and it will keep the wheel cool, which helps to keep the metal from heating up and expanding. Heat can cause the diamonds to fall off of the wheel and then you'll be replacing your expensive wheels more often! Breathing in rock dust can cause silicosis, so it's important to know what type of rock you are using. For example, malachite gives off arsenic and other rocks to be careful with are serpentines, cinnabar, and even sea shells. So when working with any of these, use plenty of water and wear a mask!
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Lapidary, Safety and Making Cabochons! Cont'd:

Charles recommends using just a little drop of dish detergent in your bucket of cooling water to help break the surface tension. He also advises that you keep moving the piece that you are grinding. Don't hold it in one spot against the wheel, as this will wear down the wheel unevenly.
When it comes time to polish the cabochon, Charles uses a water and cerium oxide mixture which he spritzes onto his last step or finest grit grinding wheel. You can use cerium oxide on a polishing pad or use a fine grit diamond wheel like 8000 or 15000 grit. Needless to say, it was a treat to watch Charles Carter as he worked his way thru the various stages of making a cabochon. He made it look so easy, as he smoothly went from one wheel to the next, making the stone take shape and then take on a lovely shine. Those of us watching were just itching to try doing that for ourselves and we can't wait to get our own shop equipment in working order. Hopefully we will this fall!

Photos by N Roberts

Mark Your Calendar!

August 6th: NMGMS to set up and sell handcrafted jewelry items at the "Mimosa's and Masterpieces" Art Festival on Robins Street in Tupelo.
Sept. 17th: NMGMS meeting at the library in Tupelo. Program will be given by Russell Ferrell, author of "**The Bone War of McCurtain County**" and "**Acrocanthosaurus: The Bones of Contention**" based on the true story of Cephis Hall and Sid Love, two amateur rockhounds who discovered and excavated one of the most complete Acrocanthosaurus skeletons to date.
Oct. 15th: Field trip with MAGS to a north Mississippi gravel site operated by Memphis Stone and Gravel.
Oct. 22nd: NMGMS annual picnic and rock swap at Ballard Park in Tupelo.

Federation News: Workshops

Two more sessions of SFMS workshops at Wild Acres are still coming up, August 22-28th and Sept.19- 25th. Go to www.sfmsworkshops.com for detailed information about the schedules and classes. The application is also available on the website.
The workshops are a wonderful benefit of being a member of SFMS. Thousands of members have taken advantage of this opportunity and have enjoyed it so much that they return year after year. If you have any questions, contact the Registrars listed below and on the workshop website.

Wildacres Registrars
Toni Garland / Linda Matvy 1520 Murphy Myers Rd. Maryville, TN 37803
(865) 300-2738 waregistrar2016@gmail.com

NMGMS Minutes:

NMGMS Board Meeting Minutes **May 21, 2016**

1. ODCM would like the club to hold the Geology Fest and Fossil Road Show at the museum on an annual basis. George Phillips and our vendors are all for it. George has the second weekend in April available for this on his schedule. Does the Club want to go ahead and book this for next year? The museum needs to know by October. Dana Armstrong says she already has a donor for the hotdogs, chips etc. *Motion to accept pending schedules. It was agreed the date would be April 8, 2017.*
2. The Link Center has agreed to a rental fee of $165 per month for the next 6 months for our workroom, if we go ahead and pay now. They also request that members of the club help out at their events in exchange for keeping our rent low. The *Board agreed with the contracted rental fee. Rental has been paid by Nikki Kenny through the end of the 2016 year.*
3. The board discussed the need to set up a schedule for the summer, so the room is being used. It was suggested that members Nikki and Justin could hold open workshops on Fridays for jewelry work. One evening a week for the saws, or one Saturday a month. Lab fees were discussed; Lots of clubs charge a lab fee of $2 or $3 per hour. *No agreement was reached at this time*. The Club still needs motors for the grinders. *A motor was purchased and donated by David & Belinda Loyd.* It was suggested that Mike Soroczak could certify members once the grinders running.
4. The Link Center is interested in holding an "Urban Market" type event this fall. They would like club members to help out somehow, either with setting up, taking tickets, sponsoring or cohosting like the Geology Fest. The Club can set up a booth and do demos along with a "make and "take" project. *The Board agreed further information was needed.*
5. The picnic reservation on the Ballard Park Pavilion has been changed to Oct. 22nd. MAGS will be hosting the DMC field trip on October 15th and it is going to be to one of the new Memphis Stone and Gravel sites. *No action needed on this item.*

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NMGMS Board Meeting Minutes: cont'd **May 21, 2016**

6 MAGS would like to do a joint field trip to the Parsons quarry with the club again this year. The date is set for Dec. 17th. *No action needed on this item.*

7 The Club has booked the library for Sept. 17th, Nov. 19th and Dec. 10th. Programs are needed for the Sept. and Nov. meetings. *It was suggested that Rebecca Vallarian and Konrad Armstrong could share their school programs*.

8 The Club would like to get a fold forming class scheduled with the West Point Arts Council this fall. Depending on their schedule, it may be Oct. 29th, Nov. 5th or Dec. 3rd. The Club would also like to schedule an additional workshop this fall, perhaps copper brazing maybe? *No action needed on this item.*

9 The Club received two checks from the Southeast Federation of Mineralogical Societies (SFMS). One was the reimbursement for the money that was over paid on club 2016 dues. The other one was a one-time disbursement of funds to federation clubs, to be used for educational purposes. The club received $224. *No action needed on this item.*

10 Can Mike Schuchs officiate at the Sept. 17th meeting for me? *Tabled due to the absence of Mike.*

11 The Downtown Tupelo Historic Neighborhood is holding an art exhibit/festival from 10 until 2 on Saturday, August 6th. Booths are free and will be set up in the street on Robins St. This is an opportunity for NMGMS to sell some club handcrafted jewelry items. The Club needs jewelry donations and members to set up and man the booth. *Cheryle Langford, Nikki Kenny & Debra Boone volunteered.*

12 April income (not counting any dues or the SFMS checks) - $1287.05. Geology Fest-$543.55, MAGS show-$371.50, Copper Fold Form class-$225 and Hot Dog Sales-$147 *No action needed on this item.*

NMGMS Meeting Minutes **May 21, 2016**

Pledge of Allegiance to the Flag was given by Nancy Roberts, Belinda Loyd & Dana Armstrong
Introduction of new members… Sophie & Paul Gunther.
The March 2016 meeting minutes were approved as printed in the April 2016 Nugget.
Treasurer's Report: Closing Balance as of May 21, 2016 $3821.99

REVIEW OF COMMITTEES:

Field Trips: Our next NMGMS field trip will be Memorial Day Weekend, May 28th & 29th, to the ALABAMA GOLD CAMP, 1398 Co. Rd. 5, Lineville, AL 36266 Ph.: 256-396-0389 Web site: **www.alabamagoldcamp.com**
Prospecting supplies is available for rent at the General Store. They also carry cold drinks, groceries, snacks and ice as well as other supplies. Robert Langford will be back at Twenty Mile Creek on June 18th.
Publicity: (John Byzet) The Club has been posting more announcements and activity photographs on the NMGMS Facebook page. Be sure to "like" us on FB!! https://www.facebook.com/NMGMS/
Membership: (Ann Byzet) Our current membership count for 2016 is 138 members.
Website: (John Byzet) The Club's updated NMGMS constitution and bylaws has been posted to the website. Check us out at www.nmgms.org
Newsletter: (Nancy Roberts) The deadline for newsletter submissions is the **second Friday** of the month. The June issue is in progress. The next issue will be in September. Email anything for The Nugget to: therockhoundlady@yahoo.com.
Members were reminded that if you attend a field trip, workshop, or other club event, please consider writing a review for the newsletter.

NMGMS Meeting Minutes: cont'd **May 21, 2016**

Hospitality: **Dana Armstrong** and **Deborah Boone** volunteered to provide refreshment for the **Sept.17th** meeting. Monetary donations to help out with the refreshments are always welcomed!
Youth Members: (Jim Roberts) The Rockheads are finishing up the FRA Gold Mining badge. Junior member that were unable to make the May 28th field trip to the gold camp, there are several other activities listed in the manual to complete the badge. Follow the link to download the FRA manual. Badge #12 Gold Panning & Prospecting can be found on page 144. http://www.amfed.org/fra/AFMS_FRA_Badge_Manual_Revised_2012.pdf .
Historian: (Cheryle Langford) Members were reminded to start saving your 2016 memorabilia for the club yearbook. This would include any fliers or brochures from the events, museums or other points of interest that you attend. If you see any newspaper or magazine article featuring one of our club members, save those too, even if it is not anything club related.
Geology/Kids Day: (Roger Lambert, John Byzet and Robert Langford) the Oren Dunn City Museum (ODCM) has requested the club to hold the Geology Fest and Fossil Road Show on an annual basis. The 2017 show will be on April 8th.
Safety: Safety articles for the Nugget are provided by Mike Schuchs.

OLD BUSINESS:

The display cases at the Oren Dunn City Museum have been taken down. A big "thank you" to everyone who loaned specimens for the cases.
We have the large pavilion **at Ballard Park** reserved for our club picnic on **October 22nd.** The date was moved back one week, because the October MAGS DMC field trip will be on October 15th. This field trip will be to one of the new Memphis Stone and Gravel sites. Club members are encouraged to attend.
The Club has 3 saws that are working at the Link Center workroom. We still need some motors to get the grinders running. Members were informed of items still needed to get the workroom ready to become useful. Items needed are: ½ HP motors; 5 gallon buckets; paper towels; etc.… Mike Schuchs has agreed to run the water lines for the cutters; grinders and polishers. Members were encouraged to get together during the summer to use the room for training and workshops.
No further old business at this time.

NEW BUSINESS:

- The club over paid the 2016 dues to Southeast Federation of Mineralogical Societies (SFMS), therefore we received a reimbursement for the difference. The Club also received a one-time sponsorship from the SFMS, which they have requested that we use for educational purposes.
- The Link Center workroom rent has been paid for the next 6 months $990, August thru January. The Link Center has agreed the rent will be $165 per month. They would really like Club members to help out at their events, in exchange for keeping the rent low. Volunteers are needed to help set up tables, take tickets or act as ushers, sometimes work the cash bar or answer the office phone.
- Members were asked if anyone was interested in representing our organization at the SFMS quarterly meeting in on June 3rd and 4th in Norcross, GA. No volunteers at this time.
- Robert Langford will be setting up his Twenty Mile Creek display at the **New Albany Fossil Road Show** on **June 11, from 10 until 2, at the Union County Heritage Museum in New Albany.** The Club has approval to set up an exhibit table. If any member would like to help or participate contact Nancy Roberts. Jennifer eubank volunteered to sell club grab bags.
- The Downtown Tupelo Historic Neighborhood is holding an art exhibit/festival from 10 until 2 on Saturday, August 6th. Booths are free and will be set up on Robins Street. This is an opportunity for the Club to sell our handcrafted jewelry items. Will need jewelry donations and members to set up and man the booth. Set up can start at 7a.m. on the 6th. If any member would like to help or participate contact Nancy Roberts.
- We will be setting up a joint field trip with MAGS to **the Parsons, TN Quarry on Dec. 17th.**
- Rebecca Vallarian & Konrad Armstrong are scheduled for the September 17th program, Minerals and Their Uses.

Is there any other new business???? No further new business at this time. **Motion to Adjourn**

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Arborichnus trace fossil

Photo by Lori Carter (GMS)