



December Meeting /Christmas Dinner

At the Museum of Arts and Sciences
on Monday, **December 01, 2014**
at 7:00pm.

The Annual Christmas dinner is coming up on December 1, 2014. **We meet a half-hour earlier for the Dinner, which is 7:00pm on Monday.** Please bring a covered dish, something to drink, and a present to swap. Keep cost of presents between \$5.00 and \$10.00 and hobby related. So come and enjoy an evening of fellowship. We will also have the drawing for scholarship to William Holland or Wildacres.



The December Meeting is our Christmas party, see above. There will be no speaker and no mineral of the month for December.

President Message

We had a great turnout at our last meeting and I want to thank everybody who attended. I especially want to welcome the Cub Scouts who attended and invite them to come back as often as they can. Tomorrow's club is dependent on us getting young people interested in the science and hobby today. Do you have any ideas as to how we can get more people interested, feel free to let us know.

Don't forget our Christmas party coming up in the next meeting. We ask that you bring a covered dish as the club will be providing BBQ and a baked ham. Bring your own beverages as well. We want to thank those who have already paid their dues and quietly remind those who have not to do so.

Our last trip to the Jones Pit mine was a success. All those that went had a good time and were able to bring home lots of specimens. This trip reminded me that we have to make sure we have emergency supplies in our vehicles for such trips as this. What are recommended are;

- 1) First Aid Kit
- 2) Jumper Cables
- 3) Road flares and/or reflector triangles
- 4) Blanket
- 5) Water
- 6) Cell phone

It is good to have your vehicle inspected to make sure the belts, hoses, fluid levels are all good. With the cold weather coming in, it is always good to have your battery checked to make sure it is still reliable. Stores like Autozone or Advanced Auto will do free battery checks in the vehicle and make sure your charging system is in good shape.

When on a field trip, make sure you have good boots or shoes for walking over uneven ground.



Also, have clothes in layers so you can adjust your clothes throughout the day. Just remember to have fun while digging and enjoy yourself. And as usual, bring a friend with you to the next meeting.

Jim Souter
jgsouter@windstream.net
 478.454.7273



Dues are Due

Another year has gone by in no time. It's that time of the year to pay dues. They remain the same 10 dollars for each adult and 2.50 for children under 18 years of age. They are due by November 1st.

No Meeting or newsletter in January. See ya'll on Monday February 2nd! Happy Holidays!

November Meeting Minutes

The meeting was called to order at 7:40 PM by Jim Souter with 27 members/guests present.

Old Business

The treasurers' report was read and approved. We signed up several new members as a result of our display at the Perry fair. The fair was successful in that we sold all of our grab bags.

New Business

This month's mineral was Corundum and several members brought in specimens to share. There is the upcoming show at the

Cobb County Civic Center on November 21st thru November 23rd.

Next month's meeting is our annual Christmas Party and all are reminded that it starts at 7:00 pm in lieu of 7:30. Everyone is to provide a present (\$5-10) and bring a covered dish and beverage of your choice. The federation dig that we are sponsoring in March of 2015 looks like it will be held at Graves Mountain.

Our own Jay Batcha filled in for our visiting speaker who was unable to make it due to car trouble. He gave a slide presentation on mine and his trip to Oregon in June of this year. The discussion include the two different POW WOWs that we attended in Prineville and Madras. He mentioned the differences in types of material on display versus what you typically see at our local shows. Just about the entire state of Oregon is a rich volcanic region for rock hounds providing a multitude of various gems and minerals to collect. He also provided specimens covering a wide variety of the material that he had collected. The talk was quite informative and provided some insights into what resources such as Gem Trails along with joining in on the show digs that were useful in finding dig locations. A question and answer session was provided at the end of the talk. The meeting was adjourned at 9:10 PM.

By: Richard Arnold



DMC Program of the SFMS Field Trip Committee



**DMC Program of the SFMS Field
Trip Committee**

**An Official Field Trip of the Knoxville
Gem & Mineral Society (Knoxville, TN)
(HOST)**

**An Official Field Trip of the Mid-Ga
Gem and Mineral Society**

**Saturday, December 6,
2014**

**Tour of Gray Fossil Site,
Gray Tennessee and a
visit to Bristol Caverns**

**Sunday, December 7th,
2014**

**Douglas Lake to collect
Double Terminated Quartz
Crystals**

(Attached - PDF of these field trips with
pictures!)

My plan is to host a two day field trip. The first day, Saturday, December 6th is not a collecting day, but should be interesting to those that would be interested in learning about the geology of the Gray Fossil Site and walking through one of the local caves in the area. The second day, Sunday, December 7th will be to collect double terminated quartz crystals, and possibly graptolite fossils if there is an interest.

**First Day: Saturday 12/6/14 - 11:00
AM**

Our plans are to tour the Gray Fossil Site in Gray Tennessee. Dr. Michael Whitelaw has agreed to give us a "Behind the scene" tour of the Gray Fossil Museum. We will see what is involved in the preservation of the fossils that are being studied from the Gray Site as well as take a look at the actual diggings. The digging season is over for the year, however Mick will explain to us the geology of the site as well as the fossils that have been collected since its discovery. The tour of the gray site will take approximately two hours, we will take break for lunch around 1:00 pm and for those interested, we will go to Bristol Caverns to see some interesting cave formations.

**Meeting time: 11:00 am Eastern
Standard Time, Saturday 12/6/14
Location: Gray Fossil Museum,
Gray Tennessee**

**Directions: From Knoxville, TN to Gray
Fossil Site in Gray, TN. Take I-40
towards Asheville, NC, Then Take exit
421 exiting Left onto I-81 North and go
towards Bristol, Ky. Take Exit 57A and
merge onto I-26E/ Hwy 23 and go about
13 miles. Turn right on Exit 13 towards
Bobby Hicks Hwy/State Route 75. Take
the left fork towards Sulphur Springs.
Turn left Suncrest Drive. The Gray
Fossil Museum will be on your left. We
will meet in the parking lot at 11:00 am
Eastern Time. Address: 1212 Suncrest
Drive. Gray, TN 37615. Phone: 423-439-
3659.**

Bristol Caverns. Saturday 12/6/14 3:00



PM Eastern Standard Time.

Directions: From the Gray Fossil Site to Bristol Caverns. Take State Route 75 North towards Bristol, TN 15 miles, turn right on State Route 394 and go approximately 12 miles, 394 turns into State Route 435 after you go under Hwy 421. Go about 2.5 miles on state route 435 to Bristol Caverns. Address: 1157 Bristol Caverns Hwy, Bristol, TN 37620. Phone: 423-878-2011.
Travel time from Gray Fossil Site: 40 minutes.

After the tour at the Gray Fossil Site, we will brake for lunch and drive over to Bristol Caverns. This is a commercial cave, so there is a charge to go through it. For those interested in seeing the cave, we will meet at the cave at 3:00 pm. It is a 40 minute drive from the Gray Fossil Site to Bristol Caverns. There are several restaurants along the way that you can stop and get something to eat.

Second Day: Sunday 12/7/14 - 10:00 AM

Collecting: Double Terminated Quartz Crystals

Meeting Time: 10:00 AM, Sunday 12/7/14.

Meeting Location: Parking lot at boat launch on the South Side of Douglas Dam.

Directions: From Knoxville, TN, Take I-40 East towards Ashville, NC. Take Exit 407 and turn right towards Sevierville, on HWY 66. Go about two miles and turn left on State route 139 (Douglas Dam Road). There will be an Exxon Gas Station on the corner. Stay on State Route 139 about 2 miles then turn right on State route 338 (Douglas Dam Road,

Old state Hwy 66). Go about 1.5 miles on State route 338 then turn left on to Boat Launch Rd. There will be a gas station on the corner (The Dam Sore). Stay on Boat Launch Road until you come to the end. Meet in the large parking lot near the boat launch closest to the south side of the Dam.

What to bring for the quartz crystals: Boots or a change of shoes. The area is normally very muddy this time of year. Bring a change of clothes also. You will need some small plastic bags or a container to put the crystals in.
What to bring for the Graptolite fossils. Standard rock hound tools [hammer, chisels, goggles, wrapping materials, buckets]

Contact Daniel Miller for additional information Daniel. miller@jtek.com
423-273-0487



Georgia Queen Picture Jasper

Follow up on the
Mid-Georgia Field Trip
November 1, 2014
Jones Pit



It was a cold and windy start of the day. But, it was a very clear day. We had 9 club members to show up for the dig. The pit now has pine trees growing in it so once we arrived and entered the pit this kept the wind off us. So we could warm up some. Everyone went home with some goodies. It was a great day!



Jones Pit Field Trip: (left to Right) Allen Free, Jay and Rebecca Hamilton, Mike and Kathy Nagel, Ben and Harmony Williams, Jim Souter and Jay Batcha taking the picture.



Southeastern Gem & Mineral Shows

November 21 - 23, 2014 Marietta, GA 29th Annual Gem and Mineral Show Cobb County Gem & Mineral Society

**Nov. 21 & 22 (Friday & Saturday) 10am - 6 pm
 Nov. 23 (Sunday) 10am - 5 pm
 Cobb County Civic Center, 548 S. Marietta Parkway, Marietta, GA 30060**

Free Admission and parking, 35 dealers, \$2 grab bags, hourly door prizes, mineral ID classes.

**More information:
www.cobbcountymineral.org**

December 13-14, 2014

Franklin, Tennessee

2nd weekend each December

Gem, Jewelry, Mineral, Fossil Show & Sale

**Mid-Tennessee Gem & Mineral Society
 Sat: 9AM to 6PM; Sun: 10AM to 5PM
 Williamson County AgExpoPark,
 4215 Long Lane, Franklin, TN 37064**

Exit I-65 at exit #61 (20 miles south of Nashville) and turn east onto Peytonsville Road.

Drive 1/3 mile and turn left onto Long



TIDBITS

Lane and then right into AgExpoPark's parking lot.

Demonstrations, exhibits, silent auction, hourly door prizes, grand prize, and over 30 dealers.

Beads, crystals, geodes, rough, cabochons, gem stones, finished jewelry, native jewelry, tools, supplies, mineral & fossil specimens, stone carvings and home accents.

Admission \$4 (2-Day Pass \$6.00), students 18 and under \$1, children under 12 free with adult.

For additional information and maps visit www.MTGMS.org.

Show contacts: John Stanley, Show Chair, (615) 885-5704 or Steve Henegar, Dealer Chair, (615) 714-3194
Email contact: show@MTGMS.org
<http://www.MTGMS.org/Show.htm>

Cleaning Native Copper

Ingredients: one part sodium hydroxide, 30 parts salt, 20 parts distilled water. Make all measurements by weight. Use a glass container to hold this solution.

Suspend the copper specimen by copper wire in the cold solution and occasionally raise and lower it for inspection. Shortly, the solution becomes bluish and the discoloration on the specimen begins to disappear revealing the natural red-brown of the copper.

The cleaning may take several hours to complete. When clean, rinse thoroughly in running water then immerse in clean water for an hour or so. It is said this method gives excellent, safe results. The solution attacks and dissolves cupric oxide, but leaves undamaged both cuprite and metallic copper.

Chalk in a Box

If you have finished jewelry that is not being used, to keep the gold or silver from tarnishing, add a piece of blackboard chalk to the box. This absorbs the moisture, which is one cause of tarnishing. Make sure that the jewelry is absolutely dry and that the box is sealed tightly.

Source of the above articles: Pineywoods Rooter - March 2013



Mid-Georgia Gem Clips
Official Bulletin of Mid-Georgia Gem
and Mineral Society
Macon, Georgia

The Club meets on the First Monday of each Month, at The Museum of Arts and Sciences, in Macon, Georgia.

Except: No meeting January, July, and August. The annual Christmas Party is the first Monday in December. September the first Tuesday of the Month

Purpose: To promote the earth sciences, the lapidary arts, and the collection, study and display of rocks, minerals, and fossils; to promote the public awareness of these efforts in educational and recreational activities.

Club Officers:

President / Webmaster: Jim Souter, ph. 478-454-7273, ajsouter@windstream.net

Vice President: Phil Hargrove, 86 Clear Branch Rd, Butler Ga. 31006, ph. 478-862-5327
susanbphilh@pstel.net

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Stamp Program: Ron Davis, ph. 478-788-2616

Club year begins November 1st, a grace period of three months will be given before membership lapses.

Mid-Georgia Gem & Mineral Society
Application for Membership

Name(s) _____

Address _____

City _____

State _____ Zip Code _____

Phone _____

Adult(18+) \$10.00 Junior \$2.50 New

Renewal _____

E-mail

Address _____

List your interests and reasons for joining _____

Make checks payable to:
 Mid-Georgia Gem & Mineral Society
 Mail to the Treasurer (listed on this page) or bring to a meeting.



Mid-Georgia Gem Clips

**Official Bulletin of Mid-
Georgia Gem and Mineral Society
Macon, Georgia**

**Member of Southeast Federation of
Mineralogical and Lapidary Societies
Member of American Federation of
Mineralogical Societies**



Mid-Georgia Gem Clips

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Save Commemorative Stamps