



Chucalissa Indian Village

MIKE BALDWIN: CHUCALISSA (Choctaw word meaning “Abandoned House”) – The ruins of this native American town sit on the Mississippi bluff five miles south of downtown Memphis. At one time the population of Chucalissa could have been a thousand to fifteen hundred. The town existed into the seventeenth century, when its townspeople left and never returned. Hence, the name Chucalissa. Since most native Americans north of the Rio Grande never developed a written language, we can never know the town’s real name.

MAGS involvement in the development of Chucalissa



Chucalissa Indian Village

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“In December, 1951, the Memphis Archaeological and Geological Society received the formal invitation from Mr. L.G. McLean, State Naturalist, to initiate and take charge of the excavations at the T.O. Fuller State Park site preliminary to its establishment as a State Archaeological Park.” “These mounds were first called to the attention of the University of Tennessee in 1940 when the CCC project began clearing this area. During the summer of that year extensive testing operations were carried out to determine the nature of the site and its suitability for development into an exhibit. At this time, the National Park Service

[See Chucalissa Indian Village on page 5]

MAGS events for January 2010

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01-03 1:00pm MAGS Field Trip to Potosi, MO to collect druse quartz, lace agates, barite

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08 6:30pm MAGS Board Meeting at Shady Grove Presbyterian Church

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08 7:30pm MAGS Membership Meeting at Shady Grove Presbyterian Church

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Comments or Questions Regarding MAGS

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Or visit MAGS at
www.memphisgeology.org

January President's Note

- Welcome to 2010. MAGS finished 2009 with a great holiday party and we start 2010 with a collecting trip to Missouri.
- Special thanks to Shelby Hartman as passes the editorship of the newsletter to Mike Baldwin.
- 2010 dues were due by January 1. Please pay as dues provide income to rent the church, pay federation dues, published the newsletter and fund other club events and activities
- As you get your 2010 calendars be sure to mark the second Friday of each month as the date of the MAGS membership meetings
- As of January 1 the show is only 114 days away, opening to the public at 9:00 am on Saturday, April 24, 2010. Over the next few months you will be hearing a lot about the show and how you can help. You can start by making sure you have no scheduling conflicts with that weekend
- A common question for an uncommon reason. MAGS frequently receives inquiries from the public regarding rocks and fossils. Last week I received a call asking what types of rocks were under North Mississippi. Upon further discussion it was determined the caller was hoping limestone and granite were located in that area. Why? Apparently the area she lives in is haunted and she had heard limestone and granite will keep the ghost away.

W.C. McDaniel

Memphis Archaeological and Geological Society
presents the 32nd annual
Memphis Mineral, Fossil, Jewelry Show

The Earth Wide Open

Memphis International Agricenter
Expo Center, West Pavilion, A and B wings
April 24 & 25, 2010

Show will feature:

- 30 dealers from 15 states with about ½ mile of tables packed with rocks, fossils, minerals, gems, jewelry, beads and supplies
- Lapidary demonstrators such as beading, wire wrapping, rock tumbling, faceting and general lapidary
- Exhibits of the MAGS' mineral collection, fluorescent display, fossils and the famous "Rock Food Table"
- Exhibitors from Mid South universities, state geology department and various organizations
- Speakers program with a variety of earth science topics
- Rockzone for kids with the gem dig, Rocks Around the Clock, paint your rocks and fossil activities

MAGS HOLIDAY PARTY 2009



OVER 65 MEMBERS ATTENDED THE MAGS HOLIDAY PARTY ON DECEMBER 11. EATING AND OPENING GIFTS WERE THE MAIN ACTIVITIES. THE FOOD WAS DELICIOUS, AND THE BLUE GIFT BAGS HELD SPECIMENS SELECTED FROM THE MAGS COLLECTION. A FEW OF THE BAGS ALSO CONTAINED CERTIFICATES FOR EXTRA GIFTS, INCLUDING TWO FREE 2010 MEMBERSHIPS. WINNERS OF THOSE PRIZES WERE THE PARKS FAMILY AND HEATHER BALDICK.

Display The Good Things You've Collected

"It was also a practice with him, when he had completed a work, to exhibit it to the view of the passers-by . . ."

– Pliny the Elder



MATTHEW LYBANON: We still do that. An important part of every MAGS Membership Meeting is your displays of good things you've collected. MAGS Members will present their displays between the business meeting and the program, and the best displays – both Adult and Junior – will win prizes.

It's fun when several people bring similar materials, so each month there will be a theme for the displays. But if you have something else you'd like to show, feel free to bring it. We'd love to see it.

JANUARY: We're going to make it especially easy for you to start 2010. At the January 8 meeting, we'll have an open competition. Bring your favorite specimens to show the rest of us.

FEBRUARY: Weather permitting (a big "if" for this time of year), our next trip will go to the area around Potosi, Missouri. It's one of our favorite locations, with opportunities to collect druse quartz, barite, lace agate, and limonite (and possibly other things). The displays at the February 12 meeting should concentrate on those minerals.

MARCH: You'll be able to get your teeth into the March 8 displays. Some time in the early Spring we may have a field trip to a new shark's teeth site in Mississippi. As of now we can't say for sure whether March 8 will be before or after that trip, but we know lots of you have some good shark's teeth. Bring them to the March meeting and make the rest of us feel jealous.

We also want your suggestions. If you have a good topic idea for displays at a future meeting – some minerals, fossils, or archaeological artifacts you would really like to see – pass the idea along to Matthew Lybanon, Assistant Program chair. Call (901) 757-2144 or email lybanon@earthlink.net. [+]

DUES - ING WHAT YOU LOVE !!!

MAGSTERS !!!

It's here – it's that time again – the weather's cold – the year is old –

Now it's foretold – we have to be bold – your dough must unroll –

Give us your gold – get your checkbook out or your wallet unfold –

WE NEED YOUR DUES FOR 2010 !!

Help us continue the fine educational and recreational programs you've come to expect, and make sure you can go on all our field trips. Send your dues to:

Neville Mayfield
7782 Bill Knight Ct.
Millington, TN 38053

THANKS !

Chucalissa Indian Village [continued from page 1]

came into the picture, and plans were completed for a Natural Museum. All these plans and efforts were cancelled by World War II.”

“After the war years, the Memphis Archaeological and Geological Society made repeated efforts to reactivate the program but with only moderate success until 1955, when Governor Clement granted a small appropriation which enabled the entire project to be resumed on a small scale.” Actual work began in 1955 “The first actual archaeological work was started in July 1955. This work exposed the method by which this area was originally built up and gave a hint to the earlier period of occupancy of this site.” Later visitors to the site could tell from this first excavation that there had been intense activity here by the Middle Mississippian Indians over a long period of time. “Pottery serration at this site revealed that this site was occupied from the earliest Mississippian period until the final disappearance of the Mississippian culture on the Mississippi River.”



By November 1955, a substantial amount of material had been removed from the site and the “lab” work of treating and cleaning specimens and skeletal remains had begun. At this point findings included ten pottery vessels and the burial remains of six individuals (two adults, one juvenile about twelve years old, and three infants). The early years were a huge success! On November 26, 1955 several members of the society began work on one of the Indian houses. An area fifteen feet square was leveled for the structure. The next step was to cut and set the wall poles, then bend them inward to form the roof. After three more sessions in December, 1955 and early 1956, society members had completed work on the house by weaving cane mats for the walls and plastering them with clay.

Work on the earthlodge exhibit area and the pyramidal mound continued through 1956. Among the artifacts found in the burial sites were a toy effigy pot found in the infant graves, and the skeleton of a coon, with the arrow still in him, lying in a red and white bowl. Visitor attendance at the “far-from complete” Chucalissa Archaeological Museum during July and August of 1956 was in excess of 15,000. It was a huge success! [+]

Compiled from reports and newsletter articles found in the MAGS archives .

MAGS Membership Meeting Programs

**January 2010 – Dr. Robert Connolly
Director, C.H. Nash Museum
Chucalissa Archaeological Site
“Current Developments at C.M. Nash Museum”**

**February 2010 – Mark Norton
Tennessee Division of Archaeology
“LeBrea Tar Pits”**

MAGS January Field Trip

Friday, January 1 – Sunday, January 3, 2010

- Collecting sites:** Multiple sites in the Park Hills/Farmington/Potosi/Cadet areas of Missouri, including the Missouri Mark Twain National Forest and private property. Area includes mineral museum, glass factory and antique malls.
- Minerals:** We will be collecting drusy quartz, Washington County/Lace agate, bladed barite and limonite at these sites.
- Friday, Jan. 1** Meet at Rosener's at 1:00pm, depart at 1:30pm. Collect at Tiff road site, drusy, lace agates and barite.
- Saturday, Jan. 2** Meet at Rosener's at 8:00am. Depart at 8:30am. Site to be determined. Primarily collecting drusy quartz. Possible multiple sites. Group dinner to be determined.
- Sunday, Jan. 3** Group decision
- Motel Accommodations:** Rosener's Motor Lodge and Restaurant, 3411 Rosener Road and Highway 67, Park Hills, MO 63601. 1-800-888-4241. Group rate, available with ten [10] reservations or more. Single \$31, double \$41 plus tax.
- Meeting Time/Place:** Each day at 8:00a.m., at Rosener's restaurant located next to Rosener's Motor Lodge. Please come earlier if you plan to have breakfast. We will be leaving promptly at 8:30a.m.
- Driving Directions:** From Memphis take I-40 West towards Little Rock, and then take I-55 towards Blytheville/Missouri. Continue north on I-55 to the MO-32 West exit #150, then go lefts towards Farmington. Go straight onto US-67 North, then go right onto Rosener Road. The restaurant and motor lodge will be on the left. Allow approximately 5 to 5.5 hours driving time.
- Tools:** We will be surface collecting and materials are abundant. Bring leather gloves and buckets. Dress warm. If desired, bring rock hammer and chisels for breaking specimens. Also, shovel and small pry bar as some digging may produce some interesting specimens. Small wagon or two wheel cart for transporting larger specimens would be helpful.
- Difficulty Level:** 1 to 3 on a scale of 1 [easy] to 10 [hard].
- Field Trip Leader:** Robert Duncan: Home 901-876-3715; Cell 901-299-8203; agatized50@aol.com

This field trip is for MAGS members only. No visitors. Children are welcome.

DMC January-February Field Trip

An Official Field Trip of The Mid-Georgia Gem & Mineral Society, Macon, GA

Saturday, February 6, 2010 • 10:00am EST

Hogg Mine [near LaGrange], Troup County, Georgia

The Hogg Mine was in operation between 1942-1960 mining beryl to produce beryllium. It has been open to collectors off and on since the 1960's.

COLLECTING: Rose quartz, tourmaline, beryl, mica books, & quartz crystal. The Rose Quartz will star if cut correctly, and some of the beryl can be gem quality Aquamarine.

Visit here for pictures, http://www.dixieuhedrals.net/content/hogg_mine.pdf

FEE: Adults-\$17.00 & children under 18 are free. Upon arrival you will be required to sign a waiver of liability.

WHAT TO BRING: A pick, shovel, rock hammer, chisels, scratching tools, screen, buckets, and of course plenty of water and food. There is a Port-a-Potty on site. Being February, dress in layers. It could be cold! We have been lucky and had beautiful, clear and even warm weather in Feb. but extra clothes and boots might be useful if it's muddy or the weather turns.

There are roads and paths. Cliffs, ditches and new pits have been dug. There is loose material under the leaves that take little effort to recover. Using a rake to push back the leaves will be useful and a crack hammer will help find tourmaline embedded in quartz.

Directions to our meeting place:

From Atlanta, take I-85 south to La-Grange. Get off on Hwy. 219 also Whitesville Road (Exit 13) and go south (left) about 2.2 miles from I-85. We will be meeting at Smith's Corner Store (The CITGO on the Left) at the intersection at Whitesville Rd. and Bartley Rd.

From Macon, take Highway 74 to Thomaston, Ga., continue on highway 74 after Thomaston until you get to highway 109, turn left (west) on to highway 109. Take I-85 south just before you get to LaGrange. Get off on Hwy. 219 also Whitesville Road (Exit 13) and go south (left) about 2.2 miles from I-85.

Drive Time: Allow 1 hour & 15 min from Atlanta at I-285 and I-85 connection on the South side.

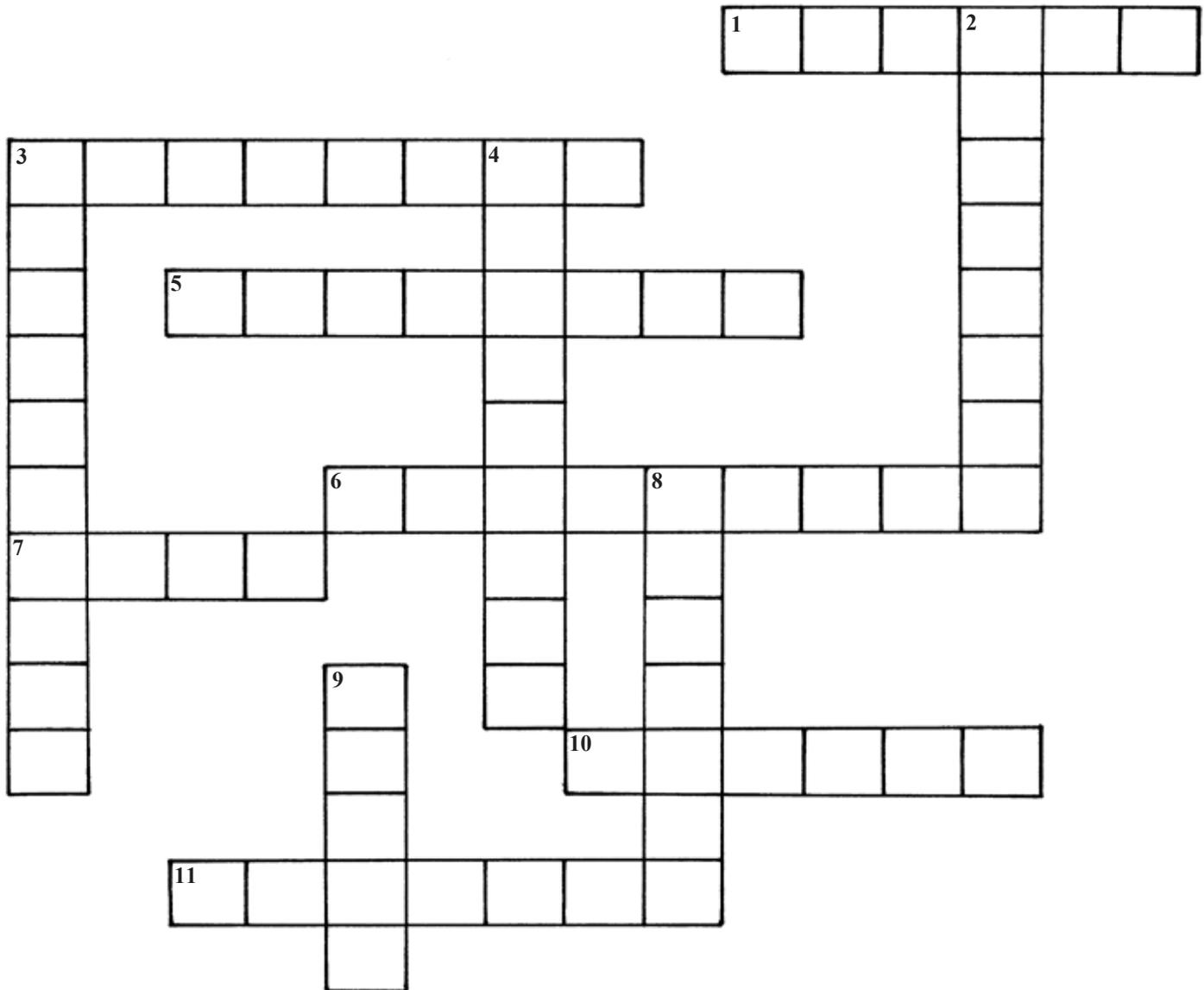
Where to Stay: Days Inn, the address is 2606 Whitesville Road, LaGrange, Ga. 30240 (also Hwy 219). It's exit 13 off of I-85. Phone 706-882-8881 for reservations. Also at exit 18 (Hwy. 109) on I-85 there are many hotels and restaurants. Hotels; Holiday Inn Express, AmericaHost, Jameson Inn, Comfort Inn, and more. Restaurants; Applebee's, Cracker Barrel, Waffle House, and more.

Contact information: Jay Batcha
phone: 478-784-1965
e-mail address: rocky1s@cox.net
postal address: 4220 Cyndy Jo Circle
Macon, Ga. 31216

This field trip is for MAGS/DMC members only. No visitors. Children are welcome.

Kids! Some Minerals Have Really Bright Colors!

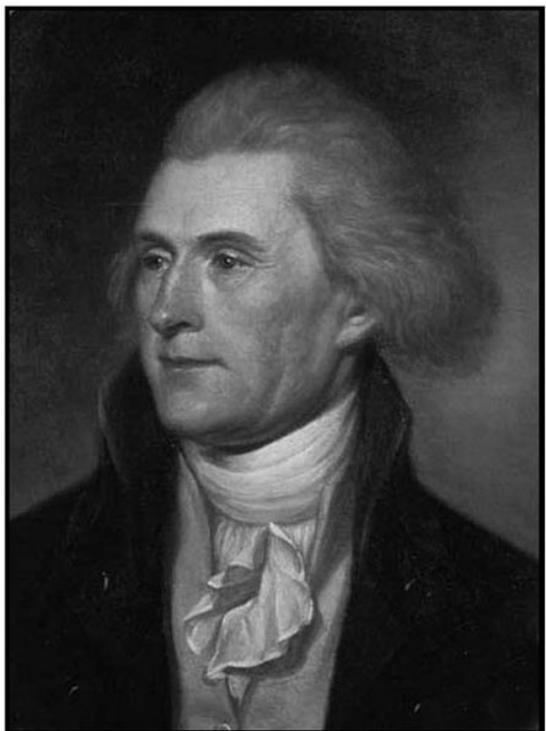
Here's a crossword puzzle that features minerals that are known for their bright colors. Can you figure them out?



1. Bright yellow. Burns in a match flame. / 2. Can be colorless, yellow, blue, purple, pink, green, or brown. / 3 across: Purple. A variety of quartz. / 3 down: Blue. A variety of beryl. / 4. Orange. Very heavy. It is an ore of the element "tungsten." 5. Blue. VERY hard. / 6. Can be yellow, red, orange or brown. But this mineral doesn't "howl" 7. Red. VERY hard, like #5. / 8. Green. A variety of beryl. / 9. Can be colorless, brown, red, or blue. It's harder than quartz. / 10. Can be red, purple, white, or green. Sometimes used as a gem...sometimes used to make sandpaper. / 11. The best are colorless, yellow, red or blue. Can also be black. The hardest stuff on Earth!

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Thomas Jefferson, Mineral Collector?



Thomas Jefferson was born April 13, 1743 and died on July 4, 1826. He was the third President of the United States from the years 1801 through 1809. He was also the most important author of the Declaration of Independence. If you go to Washington, D.C. and visit the Smithsonian Museum, you will see rough drafts of the Declaration of Independence written by Thomas Jefferson. You can even see the lap desk he invented and built that he used when writing the Declaration. He also collected books and had one of the most important book collections (almost 6,500 books) in the early years of the United States. He is famous for being an architect, a paleontologist, an inventor and even the founder of the University of Virginia. However, Thomas Jefferson is most famous for his political leadership when the United States broke away from England and became a new nation on its own. But did you know that he also collected . . . minerals??!!

Now, he didn't collect minerals the way you and I collect them. It seems that he wasn't interested in mineral specimens for their beauty or for their scientific interest. He didn't seem to be interested in their crystal forms or their properties. He was, however, interested in showing the world that the United States had very important mineral resources. As an architect, he designed his own home, which is called *Monticello*. In this wonderful home, Jefferson collected and displayed naturally history objects like fossils and minerals, as well as artifacts from Native Americans. It was his pleasure and goal to show off the natural resources of "The New World."

There was a French scientist and naturalist named Georges-Louis Leclerc, Comte de Buffon who claimed that all types of minerals (and other resources) found in the United States were inferior to those found in Europe. Jefferson, insulted by this claim, set out to prove that the minerals of the United States were of high quality, too. Eventually he would travel to Europe where he met and visited with European naturalists. He acquired a collection of minerals from Derbyshire, England and gave them to the museum of Charles Willson Peale.

Though Jefferson never collected minerals to enjoy them, trade them and display them the way you and I do, he was a naturalist and was very interested in the natural resources of the Earth, especially of his United States of America. Perhaps you will be able to visit Monticello someday and see the very place where Thomas Jefferson displayed his mineral collection. Unfortunately, the minerals are not there anymore.

November 2009 Board Meeting Minutes

Carol and Matthew Lybanon

The MAGS Board of Directors met November 5 at the St. Clare Room in St. Francis Hospital, 5959 Park Avenue. The meeting was called to order at 6:35 P. M. Present were: Mike Baldwin, Ron Brister, Robert Duncan, Doris Jones, Kimberly Loveland, Phillip Loveland, Carol Lybanon, Matthew Lybanon, Neville Mayfield, W.C. McDaniel, Nannett McDougal-Dykes, and Alan Schaeffer. Excused: Paul Sides and Mike Wheeler. Kimberly Loveland said she might not be able to attend, but she came in later.

Secretary: The October minutes were approved as corrected.

Treasurer: The Treasurer's report was approved subject to audit. Doris Jones said she had done a self-audit, and asked for clarification of what we pay for at the church.

Membership: Neville Mayfield reported there were 4 applications (which he approved) since the last Board Meeting. The new Members are Linda Gibbs, Bonnie V. Jones, Jane Brandon, and Adan C. Lovell & Lisa Easland. W.C. McDaniel asked Neville to add the new Members to the roster as soon as possible, and send him the names and email addresses, so that the new Members do not miss any email messages about club events. The new application form is not on the website yet. Mike Baldwin asked Neville to email him another copy of the form. It is time for Members to pay their 2010 dues. We need an accurate count of Members by mid-December so that we can complete our Federation renewal application.

Field Trips: Robert Duncan is going to lead a trip to Mt. Ida. Mike Wheeler will check on the river stages at Richardson's Landing, for the scheduled November 28 field trip to that site. W.C. McDaniel suggested that if the river is too high, perhaps we could schedule a field trip to the Blue Springs (Mississippi) site.

Adult Programs: Dr. Robert Connolly will present the program at the November meeting. The December meeting will be the holiday party; no program. Matthew Lybanon said he wants to key displays at Membership Meetings to field trips and asked whether there were prizes for display winners or money to purchase prizes. W.C. McDaniel said that he would email the forms that were used in the past to label displays and vote for favorites, and said we could select some of the minerals we have, to use as prizes.

Junior Programs: The November program will be a movie about dinosaurs. In December the Juniors will join the adults at the party.

Show: W.C. McDaniel reported there was a meeting of ShowTeam2010 on Monday. There was one dealer cancellation, but that dealer has already been replaced. He said that displays and exhibits are lining up. W.C. asked

Robert Duncan to build some large easels that we could use at the Show. He said that Wolfchase Galleria contacted the Show Committee about getting involved in 2009. There was so much work involved in planning last year's Show that the committee did not get back in touch with them. W.C. will meet with a Wolfchase Galleria representative to see how they could be involved at the 2010 Show.

Library: Ron Brister said the church will charge \$100/month to rent the storage room. The church would need to leave their audiovisual equipment cart and some chairs in the room. This led to a discussion on raising the dues starting in 2010. Part of the increased revenue would pay for the storage room rental. Carol Lybanon moved that we accept the church's offer, and decide on how to fund it later. The motion carried. Alan Schaeffer moved that we increase the annual dues to \$25 for families, \$20 for singles, and \$10 for Juniors. The motion carried.

Newsletter: W.C. McDaniel reported that Mike Baldwin has agreed to resume editing the newsletter. Mike would like to adjust the newsletter's length depending on the amount of material available, rather than keeping the length constant at 10 pages. Mike said he will print color copies to mail out, since we only print a few.

Webmaster: Mike Baldwin says most of the web hosting problems have been worked out. Site visitors may have to use the refresh button to get the latest version of the page.

Historian/Rock Swap: Nannett McDougal-Dykes said that this month's rock swap will be the fish fry at the Parks residence, 11:00 A. M.-3:00 P. M. on November 14.

Old Business: Holiday Party-Nannett McDougal-Dykes volunteered to pick up the ham and turkey the club will provide. Those available will get together on December 8 to pack the minerals for the gift exchange; Carol and Matthew Lybanon volunteered their home. W.C. McDaniel said he will get table covers from Wal-Mart, and will check with Pam Gurley to see what other supplies we need. He reminded Board Members to donate canned drinks or bottled water. Carol Lybanon passed around a signup sheet for food items, and will also bring the sheet to the Membership Meeting. The purpose is to ensure we have a variety of foods at the party. Carol said she would decorate the tables with geodes, and asked Board Members each to contribute one or two geodes.

New Business: Mike Baldwin reported that the laptop computer is ready. We now need to purchase a projector. There was some discussion about the source of the money to pay for it. The Board was reminded that money was already allocated for this purchase (half from the Show account, half from the club account). The money collected for holiday party gifts will reimburse the club for the purchase of the Theobald collection.

The meeting was adjourned at 7:55 P. M.

November 2009 Membership Meeting Minutes

Carol and Matthew Lybanon

The MAGS Membership Meeting was held at Shady Grove Presbyterian Church on November 13. The meeting was called to order at 7:32 P. M. 62 Members and 18 visitors were present. The visitors are Kassie Hughes, Robert Lee, Nikki Fronabarger, Jesse Winchester, Stan Suiter, Cassy Morris, Anni Ranck, Walter Markin, Carrington Wright, Angela Reddick, Dustin Tucker, Harrison Witt, the Redding Family, Dr. Shawn Tremmalopatti, Patricia Allen, Ashley Harris, William Gilbert, and Sean Gilbert.

W.C. McDaniel welcomed everyone to our Friday the 13th meeting. He announced that there will be an increase in dues for 2010: Family Memberships \$25, Individual Memberships \$20, Junior Memberships \$10. 2010 dues are due now. This increase in dues will help pay for the increased rent the club is already paying for the meeting rooms at the church, plus the added rental of a storage area.

The last Rock Swap of the year will be on Saturday, November 14, 11:00 A. M.-3:00 P. M., at the home of Alan and Alishia Parks. Our holiday party is scheduled for Friday, December 11, at 7:30 P. M. The club will provide meat, table decorations, and cutlery. Everyone is requested to bring either an entree or dessert. To help balance your selections we ask you to choose a food category on a sign-up sheet, which is located on the sign-in table. This year Members who would like to participate in the gift exchange will be asked to donate \$10 for adults, \$5 for children. Each participant will then receive a bagged gift selected from the MAGS Collection.

Neville Mayfield welcomed visitors. W.C. McDaniel gave a brief Show update. He unveiled the grand door prize, a Paleo-mastodon molar. Mike Wheeler gave a field trip report. Everyone who attended the Cookeville trip had a fun time. Mike brought some samples of the geodes we collected to distribute to the kids. Our next field trip will be on November 28, to Richardson's Landing. There is a chance that the river will be too high, so we may need to change the plans. Look for emails. Robert Duncan escorted about 20 Members to Mt. Ida November 7 & 8, to collect quartz.

Those Members who brought displays described them. There were eight displays, presented by Shannon Drungell, Lou White, David Day, Mike Wheeler, Steven and April Gibbs, Carol Lybanon, Barry Gilmore, and Charles Hill. Since there were no Junior displays prizes went to two adults. Charles Hill won first prize, David Day won second prize.

Paul Sides was sick so Matthew Lybanon introduced the program. Dr. Robert Connolly, Director of the C. H. Nash Museum, spoke briefly to thank MAGS for our donation to fund the printing of some brochures. Then he relinquished his time to Dr. Michael Gibson of the University of Tennessee at Martin, who was not sure until the last minute if he would be able to come to the meeting. Dr. Connolly will present his talk on Current Developments at the C. H. Nash Museum at a future meeting. Dr. Gibson then gave a very interesting talk on "Geologic Curiosities: Concretions, Nodules, Geodes, Mimetoliths, and Such." In his talk he thanked MAGS for a grant to the Tennessee Earth Science Teachers to support educational development of earth science teachers. After his presentation W.C. McDaniel pointed out that the grants mentioned by both speakers came from the Show account.

The meeting was adjourned at 9:00 P. M.

2009-2010

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MAGS Rockhound News is published monthly by and for the members of the Memphis Archeological and Geological Society. Please send your comments and articles to Mike Baldwin, 367 North Main Street, Collierville, TN 38017 or email mbaldwin05@gmail.com. ©2010.

The main purpose of Memphis Archaeological and Geological Society is to promote and advance the knowledge of the Lapidary Sciences in the mining, identification, cutting, polishing and mounting of gems, minerals and fossils to the utmost of our geological and lapidary capabilities.

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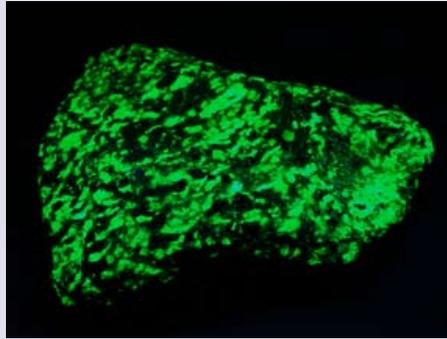
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AFMS NEWSLETTER AWARDS: New Editor 7th—95 • Small Bulletin Honorable Mention—04, 05, 06 • Adult Article 10th—04; Honorable Mention—05 (x2), 06 (x2) • Junior Article 3rd—98; 8th—03 • Special Pub 4th—03

SFMS NEWSLETTER AWARDS: New Editor 1st—86; 2nd—88, 97 • New Editor (Explorer) 4th—03 • Certificate of Excellence—89, 90, 91, 92, 93 • Large Bulletin 1st—87 • Small Bulletin 1st—04, 2nd—06, 4th—03, 3rd—07 • Special Publication 2nd—03 • Art 77, 80, 81, 82, 86 • Junior Article 1st—03, 07 • Adult Article 1st—06, 2nd—89, 90, 04, 06; 3rd—92; 4th—85, 04, 07; 5th—91, 03, 07; 6th—87; 8th—04, 07; Honorable Mention—03, 04, 07 • Adult Poetry—07

DUES: \$25 (Family); \$20 (Single); \$10 (Junior)

Youth Program for January 8, 2010 will be Fluorescent Minerals with Mike Baldwin and Alan Schaeffer



We will be learning what makes minerals fluoresce and looking at fluorescent minerals under an ultraviolet light. If you have minerals that you think might fluoresce, bring them with you to the January meeting.

If you are interested in presenting a youth program [30-45 minutes in length], please contact Kim Loveland [3246 Tea Berry Lane, Bartlett, TN 38134 • 901-380-1886 • amazeyouu@yahoo.com] or talk to her at one of the MAGS Membership Meetings. February meeting will be all about Egypt!



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