



08 DEC 2006

VOL 52 / NO 12 a newsletter for and by the members of the Memphis Archaeological and Geological Society

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EXCITING FIND AT NONCONNAH CREEK

MARVIN NUTT : November 10, 2006: Over the past year I have found almost 200 rocks at one location on Nonconnah Creek with an unusual mineral on them. I showed several of them to some of our members at a meeting, and their first impressions of the rocks were that they had pollution on them. I was not convinced and continued to collect them. I brought three of the better specimens that I had found most recently to the March, 2006 meeting. I showed them to Idajean, and she thought that they were interesting. So, she showed them to Bill Pryor, an Arkansas state geologist and the speaker for the night at the end of the meeting. He spent a little time analyzing them with his magnifying glass and said that they were probable crystals known as vivianite. He asked for permission to take them back to his lab in Arkansas and examine them with other geologists with whom he works. After a couple of weeks he sent them back to me with a short note confirming them to be vivianite. I had never heard of vivianite, but his confirmation started a fire under me. I got on the internet and looked up vivianite. I called and corresponded with Tennessee state geologists, and one of them indicated that there were only two previous occurrences of vivianite in Tennessee. One location didn't exist anymore, and the other location had not been recorded.



One of my specimens. Photo taken by Mike Baldwin

I then went to The University of Memphis and met with Dr. George Swihart of the geology department. He is the professor in the department that is most interested in minerals, and he was interested in the crystals I showed him. He asked if he could have them to study, and I agreed. In a short time, he called me in and asked me if I would mind his breaking a couple of the crystals up into powder in order to test them by x-ray diffraction in the physics department. I agreed and even watched as he chose and prepared the crystals for the test. The next time he asked me to meet with him, he showed me the results of the test. He determined that the minerals were in the vivianite family of minerals, but were more like baricite than vivianite. He said that he needs to do further examination to determine if they are indeed baricite, or perhaps, a new mineral altogether.

(see "Exciting Find" cont'd on page 4)

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MAGS Rockhound News is published monthly by and for the members of the Memphis Archaeological and Geological Society. Please send your comments and articles to Mike Baldwin at 367 N. Main Street, Collierville, TN 38017 (email: editor@memphisgeology.org) or to Shelby Hartman 5116 Whiteway Drive, Memphis, TN 38117 (email: miashart@aol.com).

PRESIDENT'S CORNER



W.C. MCDANIEL :

For the past four years I have written a monthly president's letter and The Roadcut column. Come January the club's new president, Sandy Ward, will write that letter and Roadcut will have a no trespassing sign posted. So I will retreat from that column. So special thanks to the people who make MAGS special:

Fred & Teresa Anderson, Julia Bailey, Michael, Sherri, Jennifer & Kelly Baldwin, Carlene Bell, Joi Bennett & Alan Adams II, Richard, Lorraine, Parker, Nathan & Ashlynn Nicole Bradford, Jessie and Ryan Bridges, Ronald & Letitia Brister, Bonnie Brooks, Kathy Bullard, Barry Burns, James, Danielle, Truate, Briana & Dylan Burns, Greg, Jeanette, Taylor, Zachary, Faith & Alexandra Britt, James Butchko & Hunter Hill, Richard Butterick, Juanita Sikes Canada, Michael Cannito, Ruth Ault Carr, Evelyn Carrico, David Carter Michael & Angela Cates, Clyde & Shirley Ruth Chrisman, Ivon V. Clark, Melba Cole, Chris Cozart, Rosemary Crawford, Rosie Crawford, Clay & Pam Crumpton, Doris Currington, Norman Daniels, David & Beth Day, Edward & Terri DeVoe, Peter & Mathilda Doorley, Bob Dorrrough, Sharon Drungell, Nelson Eddlemon, R. Elaine Entrekin, Robert, Anahita, Serena & Ariana Enzerink, George & Rena Everett, Nancy Folden, Anne Fordyce, Robert & Dorothy Foster, Marilyn Free, Maxine Fulghum, Ramon & Helen Gafford, Kelly Rayne & John Gary, J. Barry & Joanne Gilmore, John Don Megan & Jeri Givens, Dean, Dana & Rachel Griffin, Richard & Paula Gunter, Pamela Gurley, Susan Hailey, Steven Hajdu. Shelby Hartman, Bill & Floy Hawkins, David, Kristopher & Sherida Helms, Rhena South, Allen & Jean Helt, Linda Hendrix, Bruce & Laura, Katy Jo & Parker Henry, Michael Herren, Charles & Emily Fox Hill -Herbert & Natalie Horowitz, Steve & Ann Joel, Rachel, Matthew Huber, William L. & Janet A. Huettel, Harold & Irma Idell, Alan & Cathie Jacobs, Melissa Johnston, Doris Johnston Jones, Idajeane Jordan, Cheri Kines, Elizabeth Kines, Michael Kingsley, Mary Klug, Rita M. Lander, Stan, Simon, Zoe & Anne Laulederkind, Gary & Leisa Law, Floyd & Docia Lenz, Tim, Patrick, Michael & Celeste Long, George Loud, Dr. Don & Gwen Lum,

ANNOUNCEMENTS



2007 MEMBERSHIP DUES

Renewal time for your 2007 dues has arrived. Dues are the primary source of the club/s general fund. Please pay your dues at the membership meeting or mail your payment to the Club treasurer. Please help the transition from the outgoing treasurer to the new treasury by paying your dues before December 31, 2006

T-SHIRTS

The show still has a good selection of MAGS T-shirt that will make a great Christmas present. They are \$12 each. Contact James Butchko if you need one or several.

2007 JUNIOR OF THE YEAR

Attention MAGS kids and parents!

You should start work now for 2007 JOY! If you are an active junior MAGS member, you should start planning now to apply for 2007 Junior of the Year (JOY). Applications for this prestigious award will be available at the December Christmas Party, or from Melissa Johnston (MAGS Youth Director 2007/2008) or Mike Baldwin (MAGS Web Coordinator). Don't wait too long to get started! The application covers rockhound activities that you do between November 1, 2006 and October 31, 2007. If you have any questions, please contact Mike Baldwin at 901-853-3603 or by email at mbaldwin05@gmail.com. Good luck and happy rock collecting!!

President's Corner (continued)

Matthew & Carol Lybanon, Kelsey Lyons, David Manson, Lloyd & Betty Marler, Gerald May, David McAlister, Barry & Sherri McCalla, Cornelia McDaniel, David McIlwain, Dick McKittrick, Jim & Hisami McNeil, Lenette Mewborn, Tom & Kathryn Miller, Tracy Motter, Theodore, Myrna & Sharon Muir, David & Lenora Murray, Robert Neill. Park & Teressa Noyes, Marvin Nutt, Mark & Megan Oldfield, John, Marcy & Alexa Kaitlin Ouellette, Alan, Alishia, Noe & Harrison Parks, Greg, Lisa, Evan & Parks, Jim & Doris Parsons, Cecil Perkins, Alan Robert & Mary Jo Peterson, Robbie & Elissa Powell, Dr. James Prather, Bill Prior, Tomislav, Natalie & Susan Prodanovich, David & Kimberly Prudhomme, Kenneth, Hilarie Grayson, Logan, Lucy & Pulley, Russel & Stephany Rainwater, William, Raynee, Casey, Emily & Abbey Randolph, Dan & Barbara Reed, Ruth Rice, Don Richardson, Keith & Nina Riding, Jane Roane, Edward Lindsey Rucks, Dennis Sanders, David & Janice Sanford, Alan, Debbie, Karen, Lauren Daniell Schaeffer, Bill & Anna Scheffer, Frank & Gayden Schwartz, Jon & Andrea, Adam Michael Scilken, Jerry Seamans, David & Qiaoli Liang Shankman, Vivian Sharpe, Paul Sides & Kathy Hemmingway, Bill & Faye Smith, Mike Smothers, Randa Spears, Susan & Allen Thom, Randy & Susan, Amanda, Sara & Charlie Thomas, Lane & Susan Tutor, Ed & Angie Underhill, David & Susan, Chris & Jenny Vaughn, David & Linda Waddell, Ed Wagner, Frank & Frances Walker, Rheba Wall, Barry & Maureen Walther, Sandy Ward, Carl & Anne Warren, Melinda Warren, Louis White, Chris & Aimee Whitley, Wayne & Ann Williams, Linda Wilson, Kalki & Wendy Winter, Jerome & Maria Wood, Dr. Joe M. Young.

Thanks,

--*W.C. McDaniel*

2006-07 Dates To Remember

	Board Meeting	Membership Meeting	Due Date For Newsletter Articles
December	11/30	08	Nov 20
January	04	12	Dec 23
February	01	09	Jan 22
March	01	09	Feb 22

EXCITING FIND *(continued from front page)*

He sent me to the chemistry library, and the earthquake center, where the geology library is located to do some guided research. I have done so, and shared my finding with him. At present baricite has been found in these locations: The Yukon in Canada, New Zealand, and Russia. If what I found is baricite, that will be exciting, because it will be the first occurrence reported in the United States. If it is a new mineral, that will be even more exciting, because I will have the honor of giving it a name. I have decided upon a name, but that must wait.

It may be a short time before I find out for sure what I have discovered. If you are interested I will let you know when I get a definitive answer from Dr Swihart. No matter what it ends up being, I owe a great deal to the encouragement I have gotten from Mike and Sherri Baldwin, Idajean Jordan, and many others in the Memphis Archaeological and Geological Society.

This is a page showing the data I obtained from the research study that I did with the information that he had obtained on one of my samples at the University of Memphis Physics Dept. I shared it with him today (November 15) and he was very pleased with it. As I mentioned above, he is going to test one more sample, to see if it will be any different from the first. If it is determined to be baricite then he will advise me as to how to write a report making a claim for the first discovery of baricite in the U.S.A..

Known Baricite	Suspected Baricite?	Vivianite1 *(n.1)	Vivianite 2 *(n.2)	Vivianite 3 *(n.3)
7.9	7.8244	7.89	7.89	7.89
6.71	6.646	6.72	6.71	6.71
4.87	4.8646	4.91	4.90	4.90
4.51	4.532	4.55	4.54	4.60
			4.40	4.40
4.33		4.34		
4.07	4.0524	4.08	4.08	4.10
3.832	3.8244	3.85	3.86	3.88
3.610		3.64		3.64
3.341	3.3263	3.36	3.36	3.35
3.196	3.1954	3.20	3.19	3.22
2.956	2.9768	2.98	2.99	2.99
	2.9433			
	2.7579			
2.699	2.7215	2.72	2.72	2.73
2.626	2.6272	2.64	2.65	
2.526	2.5212	2.54	2.55	2.54
		2.44	2.44	2.44
2.418	2.4132			
2.311	2.3145	2.33	2.33	2.36
2.275		2.25	2.24	2.25
2.217	2.2266	2.20	2.20	2.20
2.179	2.1874			
2.066	2.0694			
	1.7686			

X-ray powder data for baricite and three confirmed vivianite samples from the article "X-ray diffraction studies of vivianite, metavivianite, and baricite" by T. Sameshima, et.al. in Mineralogical Magazine, March 1985, Vol. 49 p.82 compared to a recently discovered crystal found at Nonconnah Creek in Memphis, Tn. Tentatively identified as Baricite

Vivianite 1. Earthy, cryptocrystalline vivianite, Waiotu, New Zealand. Au:2473

Vivianite 2. Auricular crystalline vivianite nodule, Holocene Swamp, Auckland, N.Z. Au:2469

Vivianite 4. Crystalline vivianite, Leadville, Colorado, U.S.A. BM (NH):1907,115

Note. The colors above have the following significance: Red shows when the suspected baricite resembles the known baricite more than vivianite; Blue shows when the suspected baricite resembles vivianite more than the known baricite; Green shows when no marked resemblance exists to either one over the other; brown is used when no figures are given for both the known baricite and the vivianite samples to which the suspected baricite can be compared.

December Birthdays

- 1 Lorraine Bradford
- 2 Sharon Muir
- 3 David Helms
- 5 Kim Prudhomme
- 6 David McAlister
- 7 Shelby Hartman
- 8 Alan Schaeffer
- 8 Wendy Winter
- 9 Marilyn Free
- 9 Angela Underhill
- 10 Robbie Powell
- 14 J. Barry Gilmore
- 15 Jerry Seamans
- 17 Natalie Horowitz
- 17 Susan Thom
- 18 Marvin Nutt
- 18 David Prudhomme
- 18 Sara Thomas
- 19 Paula Gunter
- 20 Benjamin Shankman
- 20 Ed Underhill
- 21 Joel Huber
- 23 Jimmy McNeil
- 27 Linda Wilson
- 29 Danielle Burns
- 30 Pam Gurley
- 30 Maureen Walther

Turquoise is the birthstone for December.



People in the United States are quite familiar with turquoise, since it is a favorite of many Native American jewelry makers. The source of most turquoise is the desert lands of the southwestern United States, Iran, Egypt, Australia and Tibet. The Turks of the Middle East first brought turquoise to Europe. The French gave the gem the name turquoise, which means "from Turkey". The popularity of turquoise jewelry is very ancient, however. It has been found buried with Egyptian mummies more than 5,000 years old! An opaque, bluish-green stone, turquoise is a mineral of copper and aluminum. Because it is a soft stone, it easily changes color from moisture. Native Americans of the Southwest have cherished turquoise above all other stones for centuries. The turquoise blue stones are a reflection of the heavens; and the turquoise green gems are said to reflect the earth.

How To Clean Your Quartz

KAREN SCHAEFFER (MAGS YOUTH MEMBER)

I hope everyone had a successful quartz-hunt. I know that many of you have hunted for quartz before, and for some of you, it is your first time. Even if you already know, I thought it would be a great time to talk about how to clean your new quartz crystals. When you find the quartz crystals, they don't look clear and beautiful like the ones in the store. When you find quartz crystals, they may be covered with a brown coating. This coating is called iron oxide. You cannot see the full beauty of the quartz until you remove this coating. The iron oxide coating comes from sources outside the quartz crystals. Quartz crystals are found in clay. As water evaporates from the clay, traces of iron are deposited on the surfaces of the quartz crystals. The reason that just using a toothbrush and water to clean the quartz will not work is because the iron oxide is chemically connected to the quartz.

The best way to clean iron oxide off of your crystals is with oxalic acid. When you combine oxalic acid (always wear gloves and eye protection while using oxalic acid) with the iron oxide the acid will release hydrogen atoms in the chemical reaction. The hydrogen combines with the oxygen to form water. The iron binds with the oxalate and is separated from the quartz. The iron is deposited at the bottom of the bucket.

If you didn't get oxalic acid at the mine, you can go to Lowe's and get wood bleach (which is also oxalic acid). These are the steps for cleaning quartz:

1. Wash off the clay and as much dirt as possible.
2. Heat water and add oxalic acid at a ratio of about two tablespoons of acid to four quarts of water. Start with a weaker solution and increase the strength if needed.
3. Pour hot mixture over cleaned quartz in a bucket. Make sure the quartz is fully covered with the mixture. Cover the bucket. If you can place the bucket in a warm, sunny spot, the process will go faster (the chemical reaction works better at warmer temperatures).
4. Check the bucket every couple of days and add hot water if it is needed to cover the crystals.
5. After one week scrub the quartz with a toothbrush (don't forget to wear safety gloves). If the quartz is not all cleaned, repeat the above steps. You may need to make a stronger solution.
6. When you are happy with results of your cleaning, be sure to wash the crystals in fresh water to remove any traces of the acid.

I hope that you enjoyed quartz hunting and will enjoy your beautiful and clean quartz crystals!

Bibliography:

Howard, Michael. "Cleaning quartz crystals: Rockhounding Arkansas." *Rockhounding Arkansas*. March, 1999. *Rockhounding Arkansas*. January, 2005. <http://rockhoundingar.com/quartz/cleaning.html>

Unknown. "Origin of Desert Varnish." *Fallbrook Gem and Mineral Society*. Richard Busch, editor. April, 1993. *Fallbrook Gem and Mineral Society*. January, 2005.

<<http://www.fgms.org/lithosphere/articles/desertvarn/desertv.html>>.

The Southeast Federation of Mineralogical Societies, Inc
The Friendly Federation - Founded in 1976 to serve.

New DMC Field Trips Announced!

The High Point Mineral Club (High Point, NC) has agreed to renew their membership in the DMC field trip sharing program by agreeing to host a field trip during May of 2008. The SFMS Field Trip Committee would like to thank the High Point Mineral Club for their continued support of the DMC Field Trip Program.

Year - 2006

December: Columbia Gem & Mineral Society (Columbia, SC)

Year - 2007

January: OPEN
February: MidGeorgia Gem and Mineral Society (Macon, GA)
March: KYANA Geological Society (Louisville, KY)
April: Cotton Indian Gem & Mineral Society, (Stockbridge, GA)
May: Gem and Mineral Society of Lynchburg Virginia, Inc.
June: Charles Town Mineral & Lapidary Club (Charleston, SC)
July: Middle Tennessee Gem & Mineral Society (Murfreesboro, TN)
August: Tennessee Valley Rock and Mineral Club (Chattanooga, TN)
September: Montgomery Gem & Mineral Society (Montgomery, AL)
October: Lowcountry Gem & Mineral Society (Charleston, SC)
November: Western South Carolina G&MS (Greenville, SC)
December: OPEN

Year - 2008

January: OPEN
February: OPEN
March: OPEN
April: OPEN
May: High Point Mineral Club (High Point, NC)
June: Augusta Gem & Mineral Society (Augusta, GA)
July: Southern Appalachian Mineral Society (Asheville, NC)

DMC/Field Trip sharing program: Athens Rock and Gem Club (Athens, GA); Aiken Gem and Mineral Society (Aiken, SC); Augusta Gem & Mineral Society (Augusta, GA); Carroll County Gem & Mineral Society, Inc. (Carrollton, GA); Charles Town Mineral & Lapidary Club (Charleston, SC); Charlotte Gem and Mineral Society (Charlotte, NC); Cobb County Gem & Mineral Society (Marietta, GA); Columbia Gem & Mineral Society (Columbia, SC); Cotton Indian Gem & Mineral Society, Inc. (Stockbridge, GA); Forsyth Gem & Mineral Club (Winston-Salem, NC); Gaston County Gem, Mineral & Faceting Club (Gastonia, NC); Gem and Mineral Society of Franklin, NC (Franklin, NC); Georgia Mineral Society (Atlanta, GA); Henderson County Gem & Mineral Society (Hendersonville, NC); High Point Mineral Club (High Point, NC); Jacksonville Gem & Mineral Society (Jacksonville, FL); KYANA Geological Society (Louisville, KY); Knoxville Gem & Mineral Society (Knoxville, TN); Lowcountry Gem & Mineral Society (Charleston, SC); Gem and Mineral Society of Lynchburg Virginia, Inc.; Memphis Archaeological & Geological Society (Memphis, TN); Mid-Georgia Gem and Mineral Society (Macon, GA); Middle Tennessee Gem & Mineral Society (Murfreesboro, TN); Mississippi Gem and Mineral Society (Jackson, MS.); Mobile Rock & Gem Society, Inc. (Mobile, AL); Montgomery Gem & Mineral Society (Montgomery, AL); Northeast Georgia Mineral Society (Cornelia, GA); Rome Georgia Mineral Society (Rome, GA); Southern Appalachian Mineral Society (Asheville, NC); Tennessee Valley Rock and Mineral Club (Chattanooga, TN); Western South Carolina G&MS (Greenville, SC)

Field trips are open to all members of associated clubs of the DMC program of the SFMS Field Trip Committee and to all members of SFMS member clubs who have provided their membership with SFMS liability insurance. Because of insurance requirements, members of the GENERAL PUBLIC are NOT invited on this or any DMC program field trips!

2006-07 SFMS Shows

December 8-10, 2006, Norcross, GA – Georgia Mineral Society. 13th Annual Gem & Mineral Holiday Show. North Atlanta Trade Center, 1700 Jeurgens Court. Hours: 8th and 9th, 10:00am - 6:00pm and 10th, 12:00 Noon - 5:00pm Contact: Kim Cochran @ 770.979.8331.

December 11-12, 2006, Deland, FL - Tomoka Gem & Mineral Society (of the Greater Daytona Beach & Holly Hill, Florida Area) Volusia County Fairgrounds, Tommy Lawrence Arena, State Rd 44 (One-mile east of I-4 Exist 118). Hours: 11th, 10:00am - 6:00pm.; 12th, 10:00 A.M. - 5:00pm Contact: Pollyan Darling @ 386.428.7696 or gemdarlings@cfl.rr.com. Website: www.tomokagemmineralsociety.com

January 12-14, 2007, Largo, FL – Pinellas Geological Society Largo Cultural Center, Parkside Room, 105 Central Park Drive. Hours: 12th & 13th, 10:00am.-6:00pm and 14th, 12:00 Noon - 5:00pm Contact: Hugh Sheffield at 727.894.2440 or 2440 Southshore Dr. SE, St. Petersburg, FL 33705.

February 24-25, 2007. Jackson, MS – Mississippi Gem & Mineral Society. Trade Mart Building, State Fairgrounds, I-55 and High Street. Hours: 24th, 9:00am-6pm and 25th, 10:00am - 5:00pm. Contact: Betty James at 601.914.6747 or mineralid@jam.rr.com. aa.gmfs@earthlink.net.; or www.homestead.com/aikengms.

“The Show 500” in 2007

W.C. MCDANIEL This is a year long program to collect rocks and fossils for the gem dig and grab bags for the 28th annual Mid-America Mineral, Fossil Jewelry Show which will take place April 28 and 29, 2007. In addition to rocks and minerals, cloth material will be collected to make the grab bags and volunteers will be needed to sew the 500 bags. Each month a targeted donation has been identified. Bring your donations and contributions to the membership meeting according to the schedule shown below:

Dec	:	Your choice
January	:	Quartz from any locality
February	:	Miscellaneous minerals
March	:	Fossils and tumbled stones
April	:	To be determined based on necessity

MAGS HOLIDAY PARTY

Friday, December 8 at 7:30 p.m. ♦ Shady Grove Presbyterian Church ♦ 5535 Shady Grove Road, Memphis, TN
BRING FAMILY, BRING FRIENDS, BRING FOOD, BRING GIFTS, BRING YOUR HOLIDAY SPIRIT!

Mark your calendar for the Annual MAGS Holiday Party! If you would like to help decorate and prepare the fellowship hall for our party, come early. If you can help clean up after the party, plan to stay late. Board members and officers, don't forget to bring canned soft drinks.

- ❖ You and your family are invited to the party. You are welcome to bring a friend or two with you. Attire for the evening will be casual to semi-formal.
- ❖ Please bring a potluck dish big enough to share. Turkey, ham, drinks, condiments and dinnerware will be provided by MAGS. The dish that you bring can be an appetizer, salad, side dish, bread or dessert.
- ❖ For the gift exchange, there will not be a distinction between women's, men's or children's gifts. Please bring a gift that can be enjoyed or used by anyone, no matter what age they are. All gifts will be placed on one table, so when it is your turn to choose a gift, there will only be one place to choose from. Please bring a gift that you would be happy receiving if it came from someone else. The minimum value of your gift should be \$10. Bring one gift from each person in your group. If there are four of you, bring four gifts. If you bring guests, please bring a gift for your guest to exchange. The gifts will be collected and numbers will be assigned to each person in attendance. These numbers will be used to draw names for gift exchange and to draw names for the door prizes. If you bring "extra" gifts, please make sure those are also valued at \$10. All gifts should be related to our hobby (rock hammer, chisel, collecting bag, buckets, spray bottle, gloves, books, specimens, water bottles, insulated lunch packs, etc.). Participation in the gift exchange is optional. If you do not wish to participate you do not need to bring a gift.
- ❖ The names of the monthly display winners (adults and youth) will be placed in a drawing for display winner gifts, provided by MAGS
- ❖ A holiday fireplace and mantle will make a nice backdrop for pictures of family and friends so bring your camera!

October 2006

Board Meeting Minutes

SUSAN THOM : The MAGS board of directors met on October 5, 2006 at the Blue Plate Cafe, 5469 Poplar Avenue, presided by W.C. McDaniel who opened the meeting at 6:30 p.m. In attendance were James Butchko, Nancy Folden, Shelby Hartman, Idajeon Jordan, Cornelia & W.C. McDaniel, Terri & Park Noyes, Raynee Randolph, Susan Thom, and Lou White. The following reports were given: (1) Treasurer Report presented by Cornelia McDaniel: The financial report was given, motion made, seconded, and the vote carried the motion to approve report subject to audit. (2) Field Trip Report presented by Lou White - Vulcan Quarry on 10/14 is the site of our next field trip. November field trip is in the works. (3) Adult Program presented by Idajeon Jordan: Dr. Podzorski of the Egyptian Institute of the University of Memphis cannot present the October program as planned, but will be here in November. We will view an informative video about the pyramids of Egypt narrated by Leonard Nemoy. (4) Juniors Program presented by Raynee Randolph: The October program will focus on rocks experiments "Do rocks float?" Idajeon has a floating rock!! The youth will have their Christmas party in November. In December they will join in with the adults for their Christmas party. (5) Library report presented by Nancy Folden: No new books. (6) Editor/Web report presented by W.C. McDaniel: The MAGS Rockhound news newsletters received 3 honorable mentions announced in August from the American Federation of Mineralogical Societies--Mike Baldwin for editor of small bulletins, W.C. McDaniel for his article on creeking, and Allen Helt for his article on mounting techniques. Shelby Hartman said in the October newsletter (pg 6) that the location is wrong for DMC field trip--should be near Kingston, TN, not Graves Mountain, GA.

((7) Membership report by Cornelia McDaniel: One new application was presented and approved Kenneth & Hilarie Pulley. (8) Sunshine report: Sherida Helms is in St. Francis Hospital. (9) Rock swap report by Alan Parks: It's October 21st. He is serving hot fried catfish & hushpuppies. Come with a box full of rocks and a good compliment side or dessert! (10) Show report presented by Jim Butchko: Received another contract. Audit has not been completed yet. (11) Old business presented by W.C. McDaniel: David McIlwain's donations auction date moved to Sunday, October 1st. It took about 2 hours to combine 2 storage units. About 20 people participated and \$669 was collected! Nancy moved to have money collected from auction of David McIlwain's materials--be placed in escrow for lapidary facility. Motion was made, seconded, and the vote carried the motion to approve. Anything over \$4000 in checking should be deposited into regular savings account. Treasurer will wait to transfer funds after new officers are on the board. (12) New business presented by W.C. McDaniel: a) In September MAGS learned we will receive the 2006 Ptero Award in Nashville, TN. A motion was made that one night's lodging and gas expenses be paid by the club to representative to accept award. Motion was made, seconded, and the vote carried the motion to approve. . b) The annual Chucalissa Heritage Days are October 17-20 (Tuesday-Friday). We have a booth. There you can set up a small table to sale some of your materials when you volunteer. c) New business cards are needed for events advertising our club. Last year the show budget paid for cards. This year the club will pay from the general funds account for printing of 2000 cards. d) Raynee Randolph had to borrow a projector for the powerpoint presentation for the youth. Some presenters provide their own laptops for programs. Club will look into cost--James Butchko volunteered to be on committee.

e) Nominating committee has worked diligently to encourage participation for people who haven't taken an active role in the club. f) Cornelia McDaniel has a transition plan in place for new treasurer. Meeting Adjourned at 7:30 pm.

October 2006 Membership Meeting Minutes

SUSAN THOM : The MAGS membership meeting was held at Shady Grove Presbyterian Church on October 13, 2006 and presided over by W. C. McDaniel. There were 52 members and 7 visitors - Tim Barry, McKayla Cusker, Corrine Hight, Ana & Victor Gardner, Theresa Maddox-Allen, Ben Mandino, and Kathleen Seale. 1) Welcome to visitors. 2) Field trip to Vulcan Quarry Oct. 14. November field trip will be announced later. 3) Rock swap is at home of Alan & Alisha Parks. It's October 21st, and he is serving hot fried catfish & hushpuppies. Come with a box full of rocks for the Grab Bags and Gem Zone. Bring a good compliment side or dessert! 4) Bring fossils for Show500 grab bags—this field trip is a great time to collect and donate! 5) the Nominating Committee announced a recommended slate for 2007/2008 board of directors. President--Sandy Ward, 1st Vice President Field Trips - Barry Burns, 2nd Vice President Adult Programs - Randa Spears, Director Asst. to 1st Vice President - David Day, Director Asst. to 2nd Vice President - W.C. McDaniel, Secretary - Carol Lybanon, Treasurer - Mike Cannito, Director-Libraries - Ron Brister, Director-Youth Programs - Melissa Johnston, Director-Membership Services - Pam Gurley, Director-Historian - Cathie Jacobs. It was stated in accordance with our bylaws, nominations shall be accepted from the floor at the November meeting. After all nominations have been made, candidates shall be elected by a majority of

The adult members present and voting. 6) Adult program--Dr. Podzorski cannot attend tonight. We have a very interesting video on the Great Pyramids of Egypt of Giza narrated by Leonard Nemoy. 7) Youth program is on floating rocks! 8) James Butchko said thanks to all who helped with the RMH'S ³BIG SCOOP² July 29th. Melinda Warren set up the club booth. Thanks to all who participated-- that's (James Butchko), Ivon Clark, Rosie Crawford, Pam Gurley, Mary Klug, Cathy & Matthew Lybanon, Randa Spears, and Malinda Warren. 9) Adult Display participants were 1-David Day, Rae Ragland (winner), and Kathleen & Tim. 10) Youth Display--Alexa Ouellette (winner) 11) Door Prize winners -- members Leigh Butchko & David Carter and visitors Corrine Hight & Theresa Maddox-Allen. 12) Silent auction winners collected their goodies. Meeting Adjourned at 9:30 pm.



Web Site Statistics for November 2006

MIKE BALDWIN : Here's a brief look at our web site, www.memphisgeology.org, from 01/21/2002 through 11/21/2006:

Visits :	171,285	Top pages in the past 30 days:
Hits :	633,014	home page : 805 hits
Avg. Visits/day		rocknews1006.pdf : 588 hits
past 30 days) :	186	argon2003.pdf : 578 hits
Avg. hits/day		explorer0604.pdf : 536 hits
(past 30 days)	609	rocknews1106.pdf : 196 hits

(A visit is every time someone comes to our website. A hit is every page viewed once a user enters our web site.)

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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AFMS NEWSLETTER AWARDS: New Editor 7th – 95 • Small Bulletin Honorable Mention – 04, 05 • Adult Article 10th – 04; Honorable Mention – 05 (x2) • Junior Article 3rd – 98; 8th – 03 • Special Publication 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, 4th—03 • Special Publication 2nd—03 • Art 77, 80, 81, 82, 86 • Junior Article 1st—03 • Adult Article 2nd— 89, 90, 04; 3rd—92; 4th—85, 04; 5th—91, 03; 6th—87; 8th—04; Honorable Mention—03, 04

DUES: \$20 (Family); \$16 (Single); \$8 (Junior)

DECEMBER 2006

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24/31	25	26	27	28	29	30

Nov 30, 2006 6:30 p.m. Board Meeting - Blue Plate Café, 5469 Poplar Ave.

Dec 8, 2006 7:30 p.m. Membership Meeting/Christmas Party
Shady Grove Presbyterian Church
5535 Shady Grove Rd.



MAGS Rockhound News
367 North Main Street`
Collierville, TN 38017