

MAGS Rockhound News

Monthly newsletter published by the members of Memphis Archaeological and Geological Society, Memphis, Tennessee

VOLUME 56 / NUMBER 4 / APRIL 9, 2010

Welcome to the 31st Annual
Memphis Mineral, Fossil, Jewelry Show
at the AgriCenter ExpoCenter

April 24-25, 2010



New show/club T-Shirt, design by Matthew and Carol Lybanon

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2009-2010

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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, 367 North Main Street, Collierville, TN 38017 or email mbaldwin05@gmail.com. ©2010.

Message from the President

The show month has arrived. This newsletter features the show. Take time to check out the show and then give us some of your time to volunteer. The show needs several hundred volunteer hours contributed in order for the show work and be successful.

Very much needed

Only you can decide to help

Learn all about the show, rocks and fossils

Understand without your help the show will struggle

Now is the time

Time is not that much, just a couple of hours

Excellent chance to help the best show in the south

Easy to do- just pick a time(s)

Really appreciated

Sign up today

**You're Invited
Show Dinner
Friday, April 23
6:30 pm
Agricenter**

A recognition of the hard work that got us to this day and to celebrate the launch of the show

Club members, dealers, sponsors, exhibitors

Catered by Leonard's Barbeque

Club members are requested to bring a side dish, dessert and/or drink (Coke products)

Show Tickets

These show tickets provide MAGS members the opportunity to promote the show by distributing tickets to the general public. Here's the way the tickets work:

- [01] They are available for use by current MAGS members only. No exceptions!
- [02] Member must sign each ticket. One admission per ticket.
- [03] Give these tickets to friends, co-workers, neighbors. Ticket holder is admitted free to the show.
- [04] You are not responsible for tickets that are not used.
- [05] At the conclusion of the show each member must pay [by June] the show \$2.00 for each redeemed ticket.
- [06] After June 1 you must pay \$3.00 for each redeemed ticket.

Print this page of tickets as many times as you like. Cut them out. Sign them. Give them away.

Memphis Archaeological and Geological Society

CLUB TICKET
Admit One

Memphis Mineral, Fossil, Jewelry Show
April 24, 9-6--- April 25, 10-5
Agricenter ExpoCenter

(Valid only if signed by a current club member)

Over 60 dealers, exhibits, demonstrations, speakers
Kids area with Gem Dig & "Rocks Around the Clock"
www.theearthwideopen.com 901.274.7706

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The Show Needs YOU to Volunteer

Volunteer Work Schedule (sign-up sheets available by email)

Thursday April 22, 9:00am-6:00pm	Show layout, tables delivered, shed contents delivered At 6:00 pm grab bag packing and pizza party
Friday April 23, 9:00am-9:00pm	Complete show layout; dealers move in 6:30 pm show dinner
Saturday April 24, 9:00am-6:00pm	Show open to the public Large number of volunteers needed every hour for ticket booth, info/member desk, Rockzone, general show support
Sunday April 25, 10:00am-8:00pm	Show open to the public Large number of volunteers needed every hour for ticket booth. info/member desk, Rockzone, general show support Show break down, clean up

Show sponsorships

Sponsors

Memphis Stone and Gravel (\$1,000)–Rockzone

J. Cooper Moving and Storage–In kind contribution of free storage shed rental and moving show items to and from the Agricenter (priceless)

Envior-Tek–In kind contribution of free storage shed rental and moving show items to and from the Agricenter (priceless)

Gem of the Show (\$100 donation)

Melba Cole, Jim’s Minerals

Alan and Debbie Schaeffer, Desoto Eye Care

Herb and Sue Nicholson

Friends of the Show (\$25 donation)

State Farm Insurance–David Ross, Agent

Jeff Tweed, National Restaurant Properties

Angela Tillery, Collierville Jazzercise

CH Nash Museum at Chucalissa – www.memphis.edu/chucalissa

Bill and Jean Gilbert

Matthew and Carol Lybanon

Charles and Emily Hill

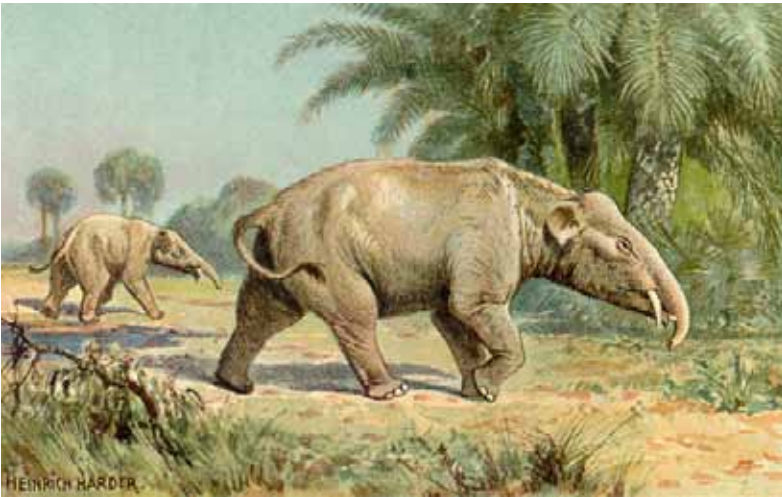
James Johnson

Show2010

Grand Door Prize

PaleoMastodon Molar

Mastodon gomphothere; *cuviervonius tropicus*
Hawthorne Formation; Miocene 5-20 million years
Colleton County, South Carolina



Palaeomastodon fossils have been found in Africa, lived some 36-35 million years ago. They are believed to be the ancestors of elephants or mastodons. This genus is related to Moeritherium.

Palaeomastodon had tusks, both upper and lower. It had a trunk. It was 1 to 2 meters tall and weighed up to 2 tonnes. The lower tusks were flat rather than pointed cones, and were probably used to scoop plants from swampy water.

Information and image courtesy of Wikipedia. Image by Heinrich Harder [public domain].

New Project Initiated This Year

Carol and Matthew Lybanon

Members: You have an opportunity to help support our Show in a new way. Become a Friend or Gem of the Show. You can donate \$25 (Friend) and see your name or your business's name listed in the expanded Show Directory. Or, for \$100 of supporting funds (Gem) you will get a business card-size ad in our Directory.

The Show Directory will be more than a program. It will tell people what is at the Show--dealers, demonstrations, lectures, kids' activities, prizes--and where to find them. It will include information about MAGS and our educational and community service activities. It will inform people of the direct financial support that MAGS provides to worthy organizations.

Ask people you do business with to help. It will give them an opportunity to gain exposure to the thousands of visitors to the Show. And remind them that MAGS is a 501(c)(3) organization.

Every little bit helps, so step up and become a Friend or Gem of The Earth Wide Open for 2010.

DEALERS

Boutwell Tumbled Stone-Minerals
Stones and Bones-Fossils
Austin Gems-& Beads-Jewelry
Larsen's Minerals- Minerals
Butterflies by God- Fossils
Earthworks and Stones - Minerals
McNeil Minerals- Minerals
FossilMall - Fossils
G.P Rocks -Jewelry
B& J Enterprises -Minerals
Volunteer Gems- Minerals
J.R. Rocks- Jewelry
Mineral House- Minerals
Javed's- Jewelry
Rock Barrell- Minerals

Eagle's Nest- Minerals
Geode Gallery Minerals
Christopher's Crystal Mine - Minerals
Fantastic Stones- Jewelry
Nature's Bazaar- Jewelry
Gone Fishing Fossils- Minerals
Custom Creations- Jewelry
Gems and Crystals Unlimited - Jewelry
Lincoln Curio Rock Shop- Minerals
The Gem Flume-Minerals
Glory Design- Jewelry
Blue Duck Gem and Minerals- Minerals
Nice Minerals-Minerals
Marble Gems -Minerals
Alluvium Designs-Jewelry

Note- most dealers carry a variety of merchandise other than the one listed by their name

DEMONSTRATORS and DEMONSTRATIONS

Richard Gunter- flint knapping
Mike Baldwin- fluorescent minerals
Sherri Baldwin- fossil cleaning and prep
Ida Jean Jordan- mineral identification
Robert Duncan- tumbling and vibrating lap

Cornelia McDaniel- earrings-Make it and Take it
Wain Poole- faceting
Jerry Seamens- beading
George Everett -wire wrapping
David and Beth Day- general lapidary

EXHIBITS and EXHIBITORS

Delta State University
University of Mississippi
University of Memphis
University of Tennessee at Martin- Geoclub
Chucalissa
Mike Howard -Arkansas geologist
Memphis Stone and Gravel Company
"Spheres by Jim Fox"-Emily and Charles Hill
Pterosaurs dinosaur hanging from rafters

Rocks from the Arctic Circle
A Midsouth Rock Garden
The MAGS Collection:
The Frank Theibold Mineral Collection
The Roger Van Cleef Education Program
Fluorescent Minerals
Rock Food Table with complete menu
Mineral and Rock Display Boxed Collection

SPEAKER SERIES

The speaker series will include several lectures that will benefit anyone with an interest in earth science, archaeology, or collecting. Our goal is to deliver professional quality presentations with as broad appeal as possible.

Saturday	11:00-11:45	TBA	
	1:00-1:45	Dr. Nina Baghai-Riding	Pleistocene and fossils from Mississippi's Ice Age
	2:00-2:45	Dr. David Dye	Disappearance of Late Prehistoric People of MS Valley
	3:00-3:45	Mike Howard, RPG	Arkansas Quartz
	4:00-4:45	Dr. Terry Panhorst	What creates mineral color
Sunday	11:00-11:45	Dr. Terry Panhorst	What creates mineral color
	1:00-1:45	George Phillips	The Blue Springs Fossil Locality
	2:00-2:45	Dr. Michael Gibson	Tennessee's Geodes
	3:00-3:45	Dr. Nina Baghai-Riding	Pleistocene and fossils from Mississippi's Ice Age
	4:00-4:45	Alan Parks	Boy Scouts Geology Merit Badge (Minerals Option)

Dinosaur Books

I will publish a “MAGS librarian’s choice” list of books on archaeology, geology, lapidary, or other related subject each month.

MAGS library books are available for circulation to current members. Library hours are from 6:30 PM to 9:00 PM during membership meetings on the second Thursday of each month. You must submit the library card issued with your membership card to check out books.

Books may be checked out for two months. There is a \$5.00 fine per month per book fine for overdue books.

Please call or email me if you have questions about our library collection or your status as a user

Ron Brister
388-1765
bristerr@bellsouth.net

No.	Author	Date	Title
196	Easton	2002	Dinosaurs
208	Alexander	1989	Dynamics of Dinosaurs and Other Extinct Giants
295	Stephenson	1998	Complete Idiots Guide to Dinosaurs
398	Aliki	1981	Digging Up Dinosaurs
429	Alexander	1989	Dynamics of Dinosaurs and Other Extinct Giants
449	Watson	1981	Giant Golden Book of Dinosaurs and Other Prehistoric Reptile
540	Alexander	1989	Dynamics of Dinosaurs and Other Extinct Giants
541	Lockley	1991	Tracking Dinosaurs
542	Lambert	1990	Dinosaur Date Book
543	Benton	1984	Dinosaur Encyclopedia
544	Wallace	1994	American Museum Natural History Book of Dinosaurs
545	Norman	1985	Illustrated Encyclopedia of Dinosaurs
547	Clark	1995	Look Inside Dinosaurs
548	Burnie	2001	Kingfisher Illustrated Dinosaur Dictionary
550	Johnson	1995	Dinosaur Skeletons and Other Prehistoric Animals
551	Sibbick	1995	Tyrannosaurus rex: The Tyrant King
552	Sattler	1989	Tyrannosaurus rex and Its Kin
553	Lindsay	1993	American Museum of Natural History: Corythosaurus
554	Paul	1988	Predatory Dinosaurs of the World
555	Lockley	1995	Dinosaur Tracks and Other Footprints of the Western U.S.
556	Desmond	1976	The Hot Blooded Dinosaurs
557	Charig	1979	New Look at Dinosaurs
564	Larsen	1995	T. rex World Exposition
558	Dodson	1996	Horned Dinosaurs
559	Larsen	n.d.	T. rex Files
598	Larsen	1995	T. rex World Exposition

March 2010 Board Meeting Minutes

Carol and Matthew Lybanon

The MAGS Board of Directors met March 4 at the St. Clare Room in St. Francis Hospital, 5959 Park Avenue. The meeting was called to order at 6:42 P. M. Present were: Mike Baldwin, Ron Brister, Doris Jones, Carol Lybanon, Matthew Lybanon, Neville Mayfield, W. C. McDaniel, Nannett McDougal-Dykes, Alan Schaeffer, and Paul Sides. Excused: Robert Duncan and Mike Wheeler. W. C. McDaniel announced that he will not be able to attend the March Membership Meeting.

Secretary: The February minutes were approved with minor corrections.

Treasurer: The Treasurer's report was approved subject to audit. Doris Jones presented the 2010 Revised Planning Budget, which was also approved.

Membership: Neville Mayfield reported that there were six renewals and two new memberships (4 members): Jestein L. Lamey and Jonathan Gibson, Nancy and Toney Prussiamerritt. W. C. McDaniel noted that we now have an all-time record number of members.

Field Trips: In the absence of Mike Wheeler and Robert Duncan, W. C. McDaniel reported that March 5-6 we will go to Missouri to collect druse quartz, March 20 we will go to Nameless, TN, for geodes (Davis Watts will donate five buckets to the Show), and April 2-4 there will be a special trip to Kentucky to collect fluorite. W. C. is arranging a May trip, coordinating with Mike Howard, to Granite Mountain, AR. This trip will have to be on a weekday. W. C. asked if we want to continue our membership in the DMC. Alan Schaeffer moved that we renew; the motion was carried. W. C. said he would take care of arranging the date for our next DMC field trip.

Adult Programs: Paul Sides announced that Robert Connolly will finally get to present his program at the March Membership Meeting. The April program will be devoted to the Show. George Phillips will be a Show lecturer, so Paul will look into getting us a different speaker for May. He will contact Gerrit L. Verschuur to see if he is available. Paul asked for suggestions for other speakers. Ron Brister suggested Rachel South, to talk about the volunteer program at the C. H. Nash Museum. Her presentation could result in a field trip for July or August.

Junior Programs: Alan Schaeffer said that Carol Lybanon will present the March program, Gem Trees. Kimberly Loveland will present the April program, focusing on the mineral box borrowed from Ohio State University. In May Alan Schaeffer will present a geology experiment program. W. C. McDaniel brought small rock-filled bottles to show to Alan. W. C. suggested they could be used for Junior programs.

Show: W. C. McDaniel reported that everything is on schedule. The next ShowTeam2010 meeting will be on March 22. The Agricenter would like us to change our show dates to the third weekend in April. They offered to give MAGS a 20% discount and freeze our rate for 5 years. W. C. will meet with the Agricenter people to work out this plan and get a formal contract. This needs to be done before this year's Show, so our dealers can be notified of the change of dates.

Library: Ron Brister reported that all memorials are up to date.

Newsletter: W. C. McDaniel asked Mike Baldwin to hold the April newsletter entirely for Show news. Mike said the March newsletter went out today, and the hard copies will be mailed tomorrow. W. C. would like to invite Dr. Connolly to put Chucalissa announcements in the newsletter.

Webmaster: Mike Baldwin said the website will soon be updated.

Historian/Rock Swap: Nannett McDougal-Dykes reported that the first rock swap of the season will be on May 15 at the home of the McNeils, 11:00-3:00. She has spoken with Robert Duncan, who agreed to do a rock swap, and Lou White, who will host a rock swap one Sunday in September. Alan Parks will again host his fish fry in October or November. Our August program will be an indoor rock swap. Nannett is still looking for June or July rock swaps. W. C. McDaniel said it would be good if we could make the rock swaps more interesting. He asked the Board to think of some ideas.

Old Business: Mike Baldwin brought the laptop to the meeting, and Paul Sides took custody of it. The new projector was used, and it worked well. W. C. McDaniel brought us information on the MAGS-Memphis Botanical Gardens partnership. He handed out a document with details. We will be involved with them in three activities. They will again coordinate the Pet Rock activity at the Show, we will help them construct a rock garden, and we will participate in a Fall field trip event at the Botanical Gardens. We need to purchase some waterproof storage containers to house the MAGS mineral and fossil collection. W. C. McDaniel will price these boxes and see how much money we will have to spend. We need to do this to protect our collection.

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

March 2010 Membership Meeting Minutes

Carol and Matthew Lybanon

The MAGS Membership Meeting was held at Shady Grove Presbyterian Church on March 12. The meeting was called to order at 7:40 P. M. by 1st Vice-President Mike Wheeler in the absence of President W. C. McDaniel. 53 Members and 9 visitors were present. The visitors are Ellison Ann Loftis-Jones, Brenda Winstead, Joan and Addison McDonough, Amy and Joshua Jolly, Bob Vickers, Dr. Shawn Tommalapalli.

Mike Wheeler reported that the field trip to Missouri was good. The next field trip will be to the Davis Watts farm in Nameless, TN, next weekend. On April 2-4 MAGS will go to Marion, KY, to collect fluorite. There will be a \$25/person charge for digging, but there will be guides to take us through the mine.

Neville Mayfield welcomed the visitors. He also welcomed a new member, Ellison Loftis-Jones, and reported that several visitors joined tonight: Joan and Addison (son) McDonough, and Amy and Phil Jolly and their sons.

Carol Lybanon told the audience about the Show's status. Club tickets are available, and people should take post cards to hand out with the tickets. Members will pay \$2 for each club ticket that is redeemed, but it will cost \$3 per ticket for those Members who pay or them after June. There are signup sheets for volunteers. People should also sign up to bring side dishes and drinks (Coke products only) to the Friday night dinner for dealers and MAGS volunteers. She also reminded Members about the new sponsorship opportunities for Gems and Friends of the Show. Lincoln Curios will bring 5,000 pounds of Arizona petrified wood to the Show.

The winning display was presented by Beth and David Day.

Paul Sides introduced Dr. Robert Connolly, who presented a program on Current Developments at the C. H.

The meeting was adjourned at 9:10 P. M.

Display Themes, April-June

Matthew Lybanon

Here are the themes for displays at the monthly meetings for the next three months. Of course you can bring any displays you would like to share, regardless of that month's theme.

* April: The April meeting will focus on the 31st Annual Memphis Mineral, Fossil, & Jewelry Show. So will the displays. Bring items you have bought, collected, or traded for at an earlier Show.

* May: Druse quartz, from the recent trip to Missouri or from any other source.

* June: Free-for-all. Bring your favorites of any type, and may the best display win.

Trips and Programs

- | | |
|---------|--|
| May 14 | MAGS Adult Program: Mississippi River Valley and It's Earthquakes—Dr. Roy Van Ardsdale |
| May 15 | MAGS Rock Swap at the home of Jimmy and Hisami McNeil |
| May 22 | MAGS Field Trip to Blue Springs, Mississippi to collect fossils |
| June 11 | MAGS Adult Program: Minerals in Spain—Bill Gilbert |
| June 19 | MAGS Field Trip to Frankstown, Mississippi to collect fossil shark's teeth |

Stay tuned for upcoming programs, rock swaps and field trips.



David Murray's geode cracker; Mr. Pharris holds one of the geodes found at the Watts' Farm. Photos by Mike Baldwin

Bill Scheffer's Entire Rock Collection

For Sale

Saturday, April 17 – 9:00am until 3:00pm

Selling everything in Bill's mineral and rock collection as well as the glass case to anyone interested. Dozens of fine specimens [including many from locations no longer open to collect]. The sale will be on Saturday, April 17 from 9:00 am til 3:00pm at 2959 Sky Way Drive, Memphis, TN 38127. Call Anna Sisk if you have questions or help with directions – 901-358-1194.

The plate glass case is 7ft tall, 5ft wide and 18 inches deep with 9 shelves, 7 of which are glass and adjustable. There are flourescent lights at the top of each half. There are 4 sliding doors, 2 up and 2 down.

