



Volume 62 ♦ Number 10 ♦ October 2016 ♦ A monthly newsletter for and by the members of MAGS

# Fossils of Arkansas

*Bill Prior, Geologist Supervisor, Arkansas Geological Survey*



An overview of some of the different fossils found in the five major physiographic divisions of Arkansas that are the Ozark Plateaus, Arkansas River Valley, Ouachita Mountains, West Gulf Coastal Plain and Mississippi River Alluvial Plain (including

Crowley's Ridge. 500 million years of earth history in an hour or less.

**Editor's Note:** Bill's recent work has involved coal and coal bed methane production in the Arkoma Basin in western Arkansas and the geologic remapping of north-eastern Arkansas.

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### MAGS LOGO CONTEST WINNER

MAGS Members selected a new logo at the September Membership Meeting. A committee narrowed the field from nine submissions to three finalists, and Members present at the September meeting voted. Sherri and Mike Baldwin created the winning design—congratulations!

The contest was announced to all



Memphis Archaeological and Geological Society

MAGS Members in July; the announcement was repeated several times. The contest was open to all MAGS Members, who had to submit designs by August 30 that met several criteria: simple design, one color (or B&W) in addition to multi-color versions, and include the club's full name.

Thanks to all who submitted designs.

# MEMPHIS ARCHAEOLOGICAL AND GEOLOGICAL SOCIETY

MAGS Rockhound News ♦ A monthly newsletter for and by the members of MAGS

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## MAGS AND FEDERATION NOTES

### President's Message

**Logo:** At the September meeting MAGS members selected a new logo. The logo becomes MAGS's face and in many cases our first contact to the public. The winning design presented elsewhere in the newsletter was submitted by Sherri and Mike Baldwin. Special thanks to all who participated in the design and selection of the new logo.

*Continued, P. 3*

MAGS General Membership Meetings and MAGS Youth Meetings are held at 7:00 P. M. on the second Friday of every month, year round. The meetings are held in the Fellowship Hall of Shady Grove Presbyterian Church, 5530 Shady Grove Road, Memphis, TN.

MAGS Website: [memphisgeology.org](http://memphisgeology.org)

MAGS Show Website: [www.theearthwideopen.com](http://www.theearthwideopen.com)

We aren't kidding when we say this is a newsletter for and by the members of MAGS. If an article has a byline the author is a MAGS Member, unless explicitly stated otherwise (we welcome articles by nonmembers). If there is no byline, the article was written or compiled by the Editor (a MAGS Member). Please contribute articles or pictures (everybody likes pictures) on any subject of interest to rockhounds. If it interests you it probably interests others. The 15th of the month is the deadline for next month's issue. Send material to [lybanon@earthlink.net](mailto:lybanon@earthlink.net).

### October DMC Field Trip

WHERE: Memphis Stone & Gravel Co., Southaven, MS  
(**MAGS is the host**)

WHEN: Saturday, October 15, 8:30 A. M.-3:00 P. M.

COLLECTING: Chert gravels with fossils, petrified wood, agate, conglomerate, quartz, more

INFORMATION: Alan Parks or Charles Hill (see P. 3)

### Links to Federation News

- ➔ AFMS: [www.amfed.org/afms\\_news.htm](http://www.amfed.org/afms_news.htm)
- ➔ SFMS: [www.amfed.org/sfms/](http://www.amfed.org/sfms/)
- ➔ DMC: [www.amfed.org/sfms/\\_dmc/dmc.htm](http://www.amfed.org/sfms/_dmc/dmc.htm)

# MEMPHIS ARCHAEOLOGICAL AND GEOLOGICAL SOCIETY

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*President's Message* **DMC:** MAGS *Continued from P. 2* will host the DMC field trip on Saturday, October 15, at the Memphis Stone and Gravel Mine on Highway 51 in Southaven, Mississippi. The club hosts a DMC trip about every two years. Please make every effort to attend, not only to collect at new mine, but to help the club host participants from throughout the southeast. MAGS will be providing snacks, lunch, and prizes.

**Field trips:** Rumor is that the July field trip to Jonesboro, Arkansas, the August field trip to North Carolina, and the September field trip to Batesville, Arkansas, produced some really good finds. Please confirm those rumors by showing off and displaying your finds at the October meeting

**Officer nominations for 2017/18:** The selection of MAGS Members to nominate for officers for 2017/16 is underway. Several positions remain available just for you to select.

*W. C. McDaniel*

## MAGS/DMC Field Trip

*Charles Hill*

Hello again, all you MAGSters out there. The October field trip for our club this year is also the Dixie Mineral Council trip. Our host is Memphis Stone and Gravel. The details of the trip are covered in the DMC flyer, but briefly here they are: We will meet at 8.30 A. M. on Saturday, October 15, at Memphis Stone and Gravel, located at 3745 Highway 51 N. in Southaven, Mississippi (Desoto County). The field trip

host is Alan Parks, who will be on site Saturday. Memphis Stone and Gravel will be providing lunch—hamburgers and hot dogs. MAGS will provide picnic ware and other odds and ends. We will be hunting in oversized piles for chert fossils, banded chert, agates, jaspers, and petrified wood.

This will mostly be surface hunting with little, if any, digging. Wear comfortable, strong shoes and dress for the heat. Bring wet weather gear just in case. A pry bar and some containers will be necessary. A rule of thumb when working a quarry is to bring a hard hat. The hard hat may not be needed, but at some quarries they are mandatory. The DMC field trip is a chance for us to showcase MAGS, so come on! Let's show up in big numbers and strut our stuff.

*Charles*

**Editor's Note:** For information contact Alan Parks [(901) 481-9730 or [alan.parks@msg gravel.com](mailto:alan.parks@msg gravel.com)] or Charles Hill [(901) 624-4232 or [Hunter3006@aol.com](mailto:Hunter3006@aol.com)].

## Falls of the Ohio State Park Interpretive Center Reopens

*Alan Goldstein*



New hands-on exhibits can be seen at the Falls of the Ohio State Park Interpretive Center. The center closed for 13 months for a \$6-million renovation that included work in our auditorium to improve accessibility, and replacement of the center's roof.

The exhibits revolve around four themes that connect the center and the park's fossil beds. The themes are "An Ancient Sea," "A Changing Land," "Converging Cultures," and "The Falls Today." Visitors will walk through a Devonian sea, learn about archaeology, listen to one of the few modern recordings of the Shawnee language, hear the story of Lewis and Clark's journey from the Falls of the Ohio to the Pacific Ocean, and discover the Falls today.



The galleries also include exhibits and activities specifically for children in preschool to second grade. A life-sized graphic of a great blue heron used throughout the exhibits makes those children's activities easy to find. The old exhibits were largely text and objects behind glass, whereas the new exhibits offer an exciting, immersive learning experience with state-of-the-art audio, video and interactive elements.

Fossils that have never been on permanent display are featured in a display called

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# MEMPHIS ARCHAEOLOGICAL AND GEOLOGICAL SOCIETY

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*Falls of the Ohio* “The Best of  
*Continued from P. 3* the Best.” It  
includes a  
complete *Odontocephalus* trilobite  
found by a fourth grade student  
and a small *Onychodus* fish jaw  
found by a visitor 20 years ago.  
Removing fossils from the state  
park and larger National Wildlife  
Conservation Area is illegal, but  
the park preserves rare finds found  
by visitors and staff.

Three types of collecting piles  
are maintained year round for  
rockhounds and visitors who feel  
obligated to take a rock as a souve-  
nir. Close to 40 tons of Waldron  
Shale with its rich Silurian fauna  
and 20 tons of subsoil with De-  
vonian fossils from the Sellersburg  
Quarry are labeled. A mineral pile  
from the fluorite mines of south-  
ern Illinois is also available for  
digging. It contains fluorite,  
barite, calcite, and sphalerite.

The Falls of the Ohio website  
([www.falloftheohio.org](http://www.falloftheohio.org)) contains  
on-line exhibits, brochures, inter-  
active faunal lists, and more in  
geology and paleontology, as well  
as archaeology, current flora and  
fauna.

The Interpretive Center hours  
are 9 A. M.-5 P. M., Monday-  
Saturday, and 1-5 P. M.. Sunday.  
Admission is \$9 age 12 & up, \$7  
age 5 to 7, under 5 is free. Parking  
is \$2 per vehicle in the lot behind  
the museum. Group visit reserva-  
tions are suggested, especially if  
you would like a guided program  
on the fossil beds.

Falls of the Ohio State Park,  
201 West Riverside Drive, Clarks-  
ville, Indiana, is located north of  
downtown Louisville, Kentucky,  
and 1 mile west of I-65. The  
expansive fossil beds are best seen  
from August-November, while the  
upper fossil beds are exposed most  
of the year, except when the Ohio  
River is higher than normal.

**Editor's Note:** Alan Goldstein is  
an Interpretive Naturalist at the  
Falls of the Ohio State Park.

### **Photo Credits:**

- Child in front of the Devonian  
sea video wall—IDNR photo/  
Frank Oliver
- Children in the ‘Ancient Sea’  
exhibit playing with interac-  
tive horn corals—IDNR  
photo/Falls of the Ohio State  
Park

## **New Members**

David and Crystal Bruce, daughter  
Mallie, and brother Chad Gill

Reneé and Jadie Crouch

Ivy Edwards and Steve Lewis

Kay MacLaughlin

Diana and Juergen Poppelreuter  
and son Alex

Mary Rauzi and nephew Camron  
England

## **August Board Minutes**

*Mike Baldwin*

Called to order at 6:35 P. M. Present:  
W. C. McDaniel, Charles Hill, Leah  
Gloyd, Paul Sides, Marc Mueller,  
James Butchko, Bob Cooper, Bonnie  
Cooper, Mike Baldwin.

**Secretary:** Minutes approved, 2  
corrections.

**Treasurer:** Rent paid through end of  
year. Show money will be transferred  
to club in September. Holiday party  
only near-term expense.

**Membership:** No new Members  
since last meeting. Bob distributed a  
plan for prorated membership fees for  
new Members only. Discussion  
followed about how this would affect  
Federation payments  
(dues, insurance). Paul *Continued, P. 6*

## **North Carolina Field Trip Pictures**

MAGS Member Diana Poppelreuter sent some nice pictures of garnet-bearing rocks at Bridal Veil Falls,  
just east of Franklin, North Carolina.



## Fabulous Tennessee Fossils

Dr. Michael A. Gibson,

University of Tennessee at Martin

### Index & Guide Fossils



Over the past four essays, we have learned about the origin and evolution of a species from the biostratigrapher's perspective. Biostratigraphers want to use fossils to either recognize what geologic formation they have encountered or to determine when in time that rock stratum formed. Fossil species that are particularly useful for *recognizing* specific geologic formation, or perhaps narrow the range of possibilities, are referred to as "*guide fossils*" as they "point at" the right age or formation. Guide fossils do not have specified time significance necessarily, but usually will. Fossil species that are used to tell the *geologic age* of the enclosing sediment or rock are referred to as "*index fossils*". These two terms are often used interchangeably, especially considering that if a fossil can tell you the age of a layer, it may also be distinctive enough to use to recognize that layer everywhere, but actually index and guide fossils are separate concepts (one references spatial distribution, the other references temporal distribution). Index fossils have a more formal specified definition; whereas, guide fossils are more loosely constrained. For purposes of this essay, we will treat them as if they are nearly equivalent terms.

To be considered an index fossil, the species needs to have certain basic characteristics, all of which work to enhance their

utility as time indicators for anyone who is going to use them. First, the fossil species needs to be considered "*cosmopolitan*", meaning it has a wide geographic distribution. The wider the geographic distribution, the more useful the species will be for identifying strata or time in those places. Some fossil species are "*facies restricted*", meaning they occur within certain sediment types only or do not disperse far from where they are spawned. Such fossils are of great use in reconstructing local environmental parameters, but of little use for telling time or correlated. Consequently fossil species that are *pelagic* (disperse in the water column) are best as index fossils because currents distribute the larvae over great distances and they are not restricted by sediment type. Most index fossils are invertebrates (due to their great abundance) as compared to vertebrates and fossil plants which tend to disarticulate into parts and lack the same preservation potential due to erosion processes dominant on land. Microfossils are common index fossils, but macrofossils are more recognizable to most people and easier to use in the field. Secondly, fossil species that exhibit a *rapid rate of evolution* work best. Rapid evolutionary rates ensure that a species is in existence for a relatively *short time geologically*, thus its presence narrows the possible time range down to as small a range as pos-

sible. Another way to say this is that the species has a high rate of mutation and speciation. Thirdly, index or guide fossils are most useful if they are *easily recognized*. Specialists can be used to identify the minute details that separate species, but ideally, the index fossil should be recognizable even to the amateur to enhance its utility. Fourthly, and associated with ease of recognition, the fossil needs to be *easily preserved*, thus organisms with hard parts (shells, teeth, etc.) work better than soft-bodied organisms. Finally, organisms that can be *easily recovered* from their rocky tomb for analysis are more functional, hence again, organisms with hard parts are more likely to be recovered over soft-bodied species.

Although the internet has become the tool of choice for identifying fossils for most folks, there is a standard reference book that still is of great use. Published in 1944, *Index Fossils of North America*, compiled by Hervey W. Shimer and Robert R. Shrock, remains one of the most valuable tools for identifying index fossils and their time significance, even though it is now more than 72 years old. The 837 page book contains diagrams and reference information making it an invaluable starting point for all time-related fossil issues. "Shimer and Shrock", as it is referred to, is an update of the original Amadeus Grabau and Harvey *Continued, P. 6*

# MEMPHIS ARCHAEOLOGICAL AND GEOLOGICAL SOCIETY

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*Fabulous Tennessee Fossils* Shimer  
*Continued from P. 5* North  
American

*Index Fossils*, published in several volumes beginning in 1909. Indeed many the taxa names have been updated, as have the geologic ranges of many of the fossils, but this information is readily available in the scientific literature.

Tennessee has an abundance of fossils and many of these fit the index and guide fossil status. There are no fewer than 15 index fossils identified in Shimer and Shrock with “tennesseensis” as a species epithet including: *Rhizophyllum tennesseensis*, *Calceola tennesseensis* (corals), *Centrocrinus tennesseensis*, *Euryocrinus tennesseensis*, *Homocrinus tennesseensis*

(crinoids), *Lampterocrinus tennesseensis*, *Periechocrinites tennesseensis*, *Pisocrinus tennesseensis*, *Leptellina tennesseensis*, *Merista tennesseensis*, *Strophomena tennesseensis*, *Trigonirhynchia tennesseensis* (brachiopods), and *Ceratopea tennesseensis* (gastropod). Over the next several articles, I will highlight some of these individual index fossils.

*August Board Minutes* read the by-laws  
*Continued from P. 4* concerning

payment of on-time dues. Motion carried for a new pro-rated schedule for the remainder of 2016 and years following. Mike will revise the membership application and bring standing rules to the September Board Meeting for revision.

**Field Trips:** No changes from last month. Alan Parks needs to provide information about the DMC trip so it can be submitted to the council. With a few weeks’ advance notice Charles could create a Powerpoint slide with field trip locations to show at Membership Meetings. Paul suggested having programs relating to the field trip for the month. All field trips are scheduled to the end of Charles’s term in office.

**Adult Programs:** Programs have been developed through the end of the year.

**Junior Programs:** September, dinosaur fossils. October, masks and costumes for Halloween. November, gems for the holidays. Programs are designed for all ages.

**Rock Swaps:** Leah asked how many people normally come; about 50-60. MAGS will provide dining tables but Members must bring their own tables for swaps. There should be games and door prizes. Leah has started a MAGS Facebook page and will post information every day. It would be good to post the new pro-rated dues and

information about the August Rock Swap. W. C. will check with Bebe Buck about the Kroger card that was given to MAGS. He gave Leah the codes to get into the Fellowship Hall to check supplies for the swap. W. C. suggested that we invite DMC members who go on the October 15 trip to join MAGS for our October 14 meeting. Leah is scanning MAGS archives and placing them on a terabyte removable drive; she suggested that the club buy a drive on Black Friday.

**Library:** Marc will be out the next two meetings.

**Web:** Mike will update the website and mail USPS newsletters this weekend.

**Newsletter:** No report.

**Show:** We have received one contract for the 2017 Show.

**Old Business:** Mike gave a logo contest update. W. C. will form a judging committee, which will narrow the field to the top three entries.

**New Business:**

- MAGS@gmail.com will be created to collect Facebook email traffic.
- We will have a table at a Ronald McDonald House event for the patients and their families on August 27. May ask Members to donate a piece from their collection to this event.
- W. C. gave Leah two notebooks of drawings done by Charlie McPherson, who designed our current logo.

Adjourned 7:44 P. M.

## August Meeting Minutes

*Mike Baldwin*

Called to order at 7:10 P. M. This evening is the Annual MAGS Indoor Rock Swap and Picnic.

Following a brief review of upcoming field trips and a logo contest reminder to the members, W. C. explained the rules of the evening. He introduced a new game, which he designed especially for this evening based on Bingo. Using small polished stones as card markers, W. C. led the attendees in several rounds of play. An abundance of food was provided by attendees and a good time was had by all.

## What’s Happening At Chucalissa?

We say goodbye to MAGS Member Dr. Robert Connolly, who is retiring as Director of the C. H. Nash Museum. The following information comes from the Chucalissa newsletter, *Anoachi*”

‘In his nine years as director of the C. H. Nash Museum at Chucalissa, Dr. Connolly made a tremendous impact not only on the museum but also on the many graduate assistants and student interns he mentored. Dr. Connolly involved his students in all aspects of

*Continued, P. 7*

*What's Happening At Chucalissa?*  
*Continued from P. 6*

museum management and constantly challenged them to perform at a professional level. During his tenure there were many enhancements to the museum, and he often said with great pride, "If you see anything here that is shiny and new, chances are a graduate assistant or intern or volunteer created it."

The museum also asked *MAGS Rockhound News* to include the following information about an upcoming event:

International Archaeology Day  
Saturday, October 15, 10:00-3:00  
Fun activities for the entire family: flint-knapping and beadwork demonstrations, guided tour of the nature trail, crafts, and games

**Free admissions for MAGS Members**

**Jewelry Bench Tips** by  
*Brad Smith*

REMOVING SOLDER  
FROM A BEZEL

Sometimes when you solder a bezel to a base plate, you end up with excess solder that needs to be removed before setting the stone. My choice of tool for this is called an "Inverse Cone" bur used in a rotary tool or flexshaft. It cuts on both the bottom and the side and is shaped so that there's less chance of cutting into the bezel wall than if you used the more

common cylinder bur shape. I find the 2 mm size useful for almost any bezel.

TESTING FOR SILVER

Often you need to identify some of those unknown "silvery" pieces in the bottom of the toolbox or some piece of old jewelry. Is it silver or something else?

Of course, if you need to know exactly what you have, it's best to send your metals off for refining. But inexpensive silver testing solutions can be used to help distinguish higher silver content alloys from alloys that have the same appearance but with little to no silver content, like German Silver or Nickel.

I purchased a half-ounce bottle of JSP Silver Testing Solution #GT41. It's not a rigorous analytic test, but it lets you know if you're on the right track. And it's inexpensive. Mine was only \$3.

With a fresh solution you have an instant reaction after applying it to the metal being tested. The procedure is simple - as you apply a small drop, look for a color change. Note that the acid will leave a slight mark, so choose a spot that is out of the way or will be easy to polish.

If you suspect the object is silver plated, you should file a little notch somewhere inconspicuous to expose what metal is below the surface. Otherwise, all you test will be the surface plating.

Here's the reaction I got when testing various materials:

Fine silver	Red/Orange
Sterling silver	Brick Red
80% silver 20% copper	Dark red changing to gray
Brass	Yellow changing to blue
Nickel	Gray-green
Copper	Yellow changing to blue
Steel	Black
Stainless Steel	No color change

Caution - If you do any of this testing, know that you are handling a reasonably strong acid. The GT41 label says it includes nitric acid and potassium dichromate.

- ✓ Wear safety glasses.
- ✓ Do not get any testing solution on your skin.
- ✓ Use a solution of baking soda and water to neutralize acid.
- ✓ Wash and clean up well when you're done.

See all Brad's jewelry books at [Amazon.com/author/BradfordSmith](https://www.amazon.com/author/BradfordSmith).



**Earth Science Week**

Since October 1998, the American Geosciences Institute has organized this national and international event to help the public gain a better understanding and appreciation for the Earth

*Continued, P. 9*



### **September MAGS Field Trip**

A good group of MAGSters traveled to Batesville, Arkansas, on September 10 for a MAGS field trip. Many thanks to Bill Prior for leading the trip, to Midwest Lime Company for being a gracious host, and to field trip chair Charles Hill for ordering perfect weather.

A few pictures that show scenes from the field trip and some of the finds are below. Photo credits: David Hodge, Matthew Lybanon, and Anne Pinkerton.





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*Earth Science Week* Sciences and to  
*Continued from P. 7* encourage  
stewardship of  
the Earth. This year's Earth  
Science Week will be held from  
October 9-15, 2016 and will  
celebrate the theme "Our Shared  
Geoheritage." Geoheritage is the  
collection of natural wonders,  
landforms, and resources that have  
formed over eons and come to this  
generation to manage, use, and  
conserve effectively. Geoheritage  
locations are valued for many  
reasons, including scientific,  
economic, ecological, educational,  
cultural, aesthetic, artistic, and  
recreational purposes.

More information is available  
on the National Fossil Day  
website, [nature.nps.gov/geology/  
nationalfossilday/index.cfm](http://nature.nps.gov/geology/nationalfossilday/index.cfm).

## October Birthdays

- 1 Dave Shiffman
- 2 Christina Lagerson  
Shawn Herrington
- 4 Patsy Black  
Katherine Kitzmann
- 5 Michala Demo  
Matthew Lybanon
- 7 Jacob Blodgett  
Chris Vaughn
- 8 TaTanya Williams
- 9 David Hodge  
Charles Hill
- 10 Fulton Ledbetter  
Jan Gish  
Farrah Fowler
- 11 John Erickson
- 13 Andrew Helton  
Michael Baldwin
- 19 Aaliyah Thomas
- 20 Beto Ortiz
- 21 Steven Adamson

- 24 Cheryl Abel  
Keith Riding  
Ann Austin
- 26 Stanley Broadway
- 27 Peter Raccasi  
Arlene Oleartchick
- 30 Jadie Crouch

## Displays

*Debbie Schaeffer*

Don't forget that there are  
only two months left to be entered  
into the drawing for our display  
"Grand Prize" that will be awarded  
at the MAGS Holiday Party in  
December. In addition to our  
monthly prize, anyone who brings  
a display will be entered into the  
December drawing. Don't know  
what to bring for a display, here  
are a couple of suggestions. Last  
month MAGS took a trip (led by  
Bill Prior, this month's speaker) to  
a new collecting site for MAGS. If  
you went on the trip to the Bates-  
ville quarry, please bring some of  
your special finds to show the  
club. Next month Ashley Allen  
will be speaking about the Union  
Chapel Mine site. Many of our  
MAGS Members have had an  
opportunity to collect at that site.  
If you have been there, please  
bring some of your favorite  
specimens to show the club.

## October 1 Field Trip

*Charles Hill*

Greetings and salutations to  
all you rockhounds out there. I  
am writing this because some of  
our new members have asked  
about local areas to hunt for rocks  
and minerals. As most of you  
know, Memphis is not a great  
wellspring for rocks because of the

geologic history of this area. So to  
be of assistance, I want to intro-  
duce anyone interested to several  
local public and private access  
hunting spots. All of these loca-  
tions will be within an hour to an  
hour and a half from Memphis  
proper. This safari will start in  
Millington at 9 A. M. on Saturday,  
October 1. We will meet at the  
Popeyes Chicken in front of Wal-  
Mart. From there we will visit two  
places in that general area.

After sites one and two, we  
will travel south on Highway 51 to  
two sites in the Memphis area.  
Afterwards, I will introduce you to  
a site in north Mississippi. All of  
these sites will be mostly surface  
collecting, so the only tools need-  
ed should be something to pry  
with and something to put things  
in. We will not spend a lot of time  
at any of these places, but I think  
we can do some collecting. (If Kim  
Hill comes with us, someone will  
need to bring a rope so we can  
drag her away; or we will be there  
until midnight.) I think we can  
squeeze in 5 or 6 spots if we don't  
spend too much time at any of  
them. There is one place where  
the parking is \$3 a car. Other than  
that, the rest of it is free.

Now here is the address where  
we start:

Popeyes Chicken, Corner of  
Wilkinsville Road and Highway 51,  
8449 US 51, Millington TN 38053,  
GPS: 35.356610, -89.895183

If you are going, call me after  
2:30 P. M. weekdays at (901)  
626-4232 or e-mail me at  
[hunter3006@aol.com](mailto:hunter3006@aol.com). If you e-  
mail me, put "Oct. 1st rock tour"  
in the header so I will know your  
e-mail isn't spam.

# MAGS At A Glance

## October 2016

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
25	26	27	28	29	30	1 MAGS Field Trip to nearby sites
2	3	4	5	6 Board Meeting, 6:30 pm, St. Francis Hospital	7	8
9 Earth	10 Science	11 Week	12 -->	13	14 Membership Meeting, 7:00 pm, "Fossils of Arkansas"	15 MAGS/DMC Field Trip to MS&G Co., Int'l. Archaeology Day at Chucalissa
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

Memphis Archaeological and Geological Society  
 2019 Littlemore Drive  
 Memphis, TN 38016

