



Inside This Issue.....

| | |
|---|----|
| Officers & Board | 2 |
| President's Corner | |
| Roadcut | 3 |
| Announcements & Tidbits | |
| "Fluorescent Minerals" article continuation | 4 |
| October Birthdays | 5 |
| Website Statistics | |
| Junior Rockhounds | |
| Dates To Remember | |
| DMC Field Trip Info | 6 |
| MAGS October Field Trip | 7 |
| Chucalissa Native American Heritage Days | |
| Adult Presentations | |
| August '07 Board Meeting Notes | 8 |
| August '07 Membership Mtg. Notes | |
| Sunshine Report | 9 |
| October Rock Swap | |
| Monthly Calendar | 10 |
| Newsletter Awards | |

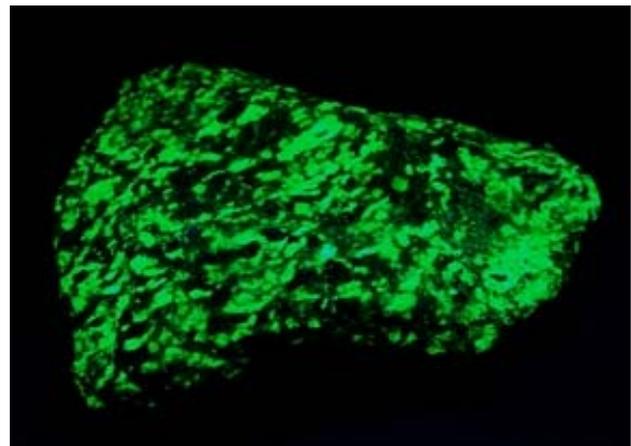
Fluorescent Minerals

MIKE BALDWIN: I had an opportunity to travel to Philadelphia at the end of March on business, and I found it an opportune time to travel north a bit on Saturday to Franklin, New Jersey, to one of my favorite places — the Franklin Mineral Museum and the fluorescent mineral collecting site directly behind the museum. This was my fourth trip to Franklin and I enjoy it more each time. I was looking for fluorescent minerals and I sure found a load of them on Saturday. I just happened to be there on the first day of the collecting season. A week earlier and I would have found the site under snow. The first rock that I spotted looked different to me. I didn't recall having seen

one like it there before so I held on to it and kept moving it to the top of my bucket each time I placed another rock in the pile to be sorted. My first rock turned out to be a combination of willemite, zincite, and franklinite.

When I placed it under the short-wave UV light, it fluoresced a bright blue. It is really stunning. I also found several red willemite and several green willemite

(cont'd page 4)



2007 – 2008 Officers and Board of Directors

President – Sandy Ward • 5119 Whiteway Drive, Memphis
TN 38117 • 901-684-1819 •
sandypepperspray@comcast.net

1st VP (Field Trips) – Barry Burns • P.O. Box 666, Atoka, TN
38004 • 901-829-4246 • bburns@utm.edu

2nd VP (Programs) – Randa Spears • 157 Marne, Memphis
TN 38111 • 901-324-2490 • spearsrg@msn.com

Secretary – Carol Lybanon • 2019 Littlemore Dr., Cordova, TN
38016 • 901-757-2144 • lybanon@earthlink.net

Treasurer – Mike Cannito • 1051 Sandra, Memphis, TN 38122
901-454-9326 • mcannito@memphis.edu

Director (Asst Field Trips) – David Day • 5974 Ivanhoe,
Bartlett, TN 38134 • 901-387-2347 • stonchanter@
yahoo.com

Director (Asst Programs) – W.C. McDaniel • 2038 Central Ave,
Memphis, TN 38104 • 901-274-7706 • w.c.mcd@
worldnet.att.net

Director (Youth) – Melissa Johnston • 806 S. Cox Street,
Memphis TN 38104 • 901-725-0724 • mjohns2000@
aol.com

Director (Asst Youth) – Idae Jordan • 104 Plainview,
Memphis TN 38111 • 901-452-4286 • no email address
provided

Director (Librarian) – Ron Brister • 3059 Old Brownsville Rd.,
Bartlett, TN 38134 • 901-388-1765 • ronald.brister@
Memphistn.gov

Director (Membership) – Pam Gurley • 460 E. Swan Ridge Cr.,
Memphis TN 38122 • 901-324-7235 • no email address
provided

Director (Historian) – Cathie Jacobs • 5328 Denwood,
Memphis TN 38120 • 901-680-0686 • jakeandcattoo@
aol.com

Web Coordinator – Mike Baldwin • 367 North Main St.,
Collierville TN 38017 • 901-853-3603 • mbaldwin05@
gmail.com • rockclub@earthlink.net

Newsletter Editor – Shelby Hartman • 5116 Whiteway Dr.,
Memphis, TN 38117 • 901-626-1920 •
magsnewsletter@comcast.net

Show Chairman – James Butchko • 4220 Dunn, Memphis TN
38111 • 901-743-0058 • butch513j@yahoo.com

Rockhound News is published monthly by and for the members of
Memphis Archaeological and Geological Society. Please send your
comments and articles to the attention of Shelby Hartman, 5116
Whiteway Drive, Memphis, TN 38117 or via email at magsnewslet-
ter@comcast.net

President's Corner



SANDY WARD: *Well, it's official. Summer is over and Autumn has arrived — time to drag the sweaters out of the moth balls again and get ready for cooler weather. I can't believe how fast time flies! I'd like to thank WC for filling in for me last month. I hate missing a program because I always learn something. I'm really looking forward to the fluorescent mineral program at our next meeting. And...speaking of meetings, a small group of us kicked off our first official Show committee meeting Monday evening and we are looking to grow. We'll be asking for volunteers to help, once again, to produce this wonderful annual event. Please consider helping out, as "many hands make light work". While on the subject of volunteers, Chucalissa is again asking for volunteers from MAGS to help out during Native American Heritage Days. It's a great opportunity to help out a treasured local archaeological/historical site and educational venue, plus, Chucalissa will allow you to sell affordably priced (these are school kids) fossil and mineral specimens and related items. See the specific dates and details in this newsletter.*

See you at the meeting!

Sandy

ROADCUT

W.C. McDANIEL: At the September membership mention was made of the Agate Lexicon at the University of Nebraska. As of September 10, 2007, there are 3,072 records. A few random selected entries are presented below, primarily for their interesting and sometimes amusing names.

- Calf Killer Agate, Tennessee, for Calf Killer River. Mostly mottled, translucent red, yellow, white, Owens
- Candy Agate, no description, from near Morristown, Arizona
- Chinese Writing Lace Agate, Chihuahua, Mexico. Cross (1996, p. 73) stated was porous, usually white agate that readily accepted dyes, and he suggested (personal communication, 1995) that it was also called dyeing lace agate.
- Crazy Woman Creek Petrified Forest, Wyoming, a fossil forest situated on the east slope of the Big Horn Mountains, Wyoming.
- Graveyard Point Agate Idaho, for Graveyard Point, E + NW +, sec. 26, T. 3 N., R. 6 W., Owyhee

County, Idaho. The term was first used by (Anonymous [H. C. Dake?] 1944, p. 50 for agates from this area.

- Liver Jasper, Virginia, a liver colored jasper with hematite spherules from between Fisher's Gap, and Front Royal, Madison, Page, and Warren counties, Virginia. See Rosenblohm (1955, p. 36). Lapidary Journal, v. 9
- Onion Skin Nodules, Arizona, near mile post 368, Highway 70, Hackberry entrance, McMackin (1976d, p. 2269-2309
- Fire-Engine Jasper, Texas, a fine red jasper from gravels of the Brazos River in eastern Texas.
- Fruitcake Agate, Mexico? no location given, Merle's Rock Box, The Mineralogist, v. 26, no. 4, 5, p. 137
- Mosquito Hill Agate, Colorado, for Mosquito Hill, a hill northwest of Inspiration Point, NW Denver, Colorado

Paul Bunyan Agate, California, a flame or plume agate that has been found at a popular site near the Fort Irwin Road, just east of Barstow, California

<http://snr.unl.edu/Data/agatelexicon.asp>



Announcements & Tidbits

WELCOME NEW MEMBERS!!

We would like to welcome our newest MAGS members: **Michael & Sonia Wheeler and their children, Michael, Nicholas, Gabriel and Haley.** Also, we want to welcome Jon and Susan Thompson's grandsons, **Jim and John Keegan!** We can't wait for you to join us at our upcoming meetings and field trips!

MTGMS "EARTH TREASURES" SHOW!

The Middle Tennessee Gem & Mineral Society will be having their 27th Annual "Earth Treasures" Jewelry, Gem, Mineral, Fossil Show & Sale on December 7th and 8th, 2007. Saturday's hours: 9 a.m.—6 p.m. and Sunday: 10 a.m.—5 p.m. The location will be the Tennessee State Fairgrounds in the Creative Arts Building. Admission is \$3.00 for adults, \$1.00 for children. Kids under 12

get in free with a paid adult and Scouts in uniforms get in free. There will be jewelry, minerals, fossils, demonstrations, exhibits, a silent auction, hourly door prizes, grand prize, finished jewelry, beads, tools, supplies, cabochons, gems, stones, crystals, geodes, fossils, stone carvings, etc. MTGMS is a not for profit corporation and proceeds go for scholarships, local schools at Donelson & Tullahoma and educational projects in Tennessee. For more information, visit www.mtgms.org

FLUORESCENT MINERALS *(cont'd from page 1)*

specimens. I found a piece or two of barite. There were several specimens with just a tinge of yellow fluorescence and one or two with specs of beige. And, of course, there were "tons" of calcite brilliantly glowing orange. I have always found the combination of calcite and franklinite to be an attractive looking specimen. The pictures seen on page one are red willemite from my Franklin excursion. The top one is under fluorescent light. The bottom one is under short-wave UV light.

Now just a few words about fluorescence. Fluorescence is a property not found in all minerals. Minerals that do fluoresce glow when exposed to either short-wave or long-wave ultraviolet light. Examples of fluorescent minerals are autinite, calcite, diamond, eucryptite, fluorite, hyalite, scheelite, and willemite. Minerals from the Franklin and Sterling Hill area of New Jersey are known for

their fluorescence. There are over 80 fluorescent minerals found in that area. Franklin/Sterling Hill fluorescent specimens usually contain 2-4 minerals in a typical specimen, though some have up to 7 fluorescent minerals together. Fluorescent minerals contain particles in their structure which respond to ultraviolet light by giving off a visible glow. Ultraviolet light is a form of electromagnetic radiation invisible to the human eye. It is given off by the sun and by common fluorescent lamps used for lighting, but they also give off considerable white light (visible light), preventing the fluorescence from being seen. The ultraviolet reaction is visible with a special fluorescent lamp with a filter that blocks white light but allows ultraviolet light to pass through. This lamp is known as an ultraviolet fluorescent lamp, or UV lamp. The reaction will only be visible in a dark area where the presence of white light is weak.

There are two ultraviolet wavelengths: long-wave and short-wave. Some minerals fluoresce the same color in both wavelengths, others fluoresce in only one wavelength, and yet others fluoresce different colors in different wavelengths. Some UV lamps have two separate filters, one for long-wave and the other for short-wave. There are more minerals which fluoresce in short-wave than there are in long-wave.

Color and intensity of the fluorescence varies among specimens of a particular mineral. However, specimens from the same locality almost always fluoresce the same color. For ex-

ample, calcite may fluoresce red, orange, yellow, white, or green.

When a fluorescent lamp is lit, never look at the light source as it can damage the eyes permanently. In addition, skin should not be exposed to the light source for extended periods as it can cause sunburns and long term skin problems.

If you have additional information about fluorescent materials, or if you have a question or comment, please visit <http://magfield-guide.blogspot.com/2007/03/fluorescent-minerals.html> and click the comment button at the bottom of the post.

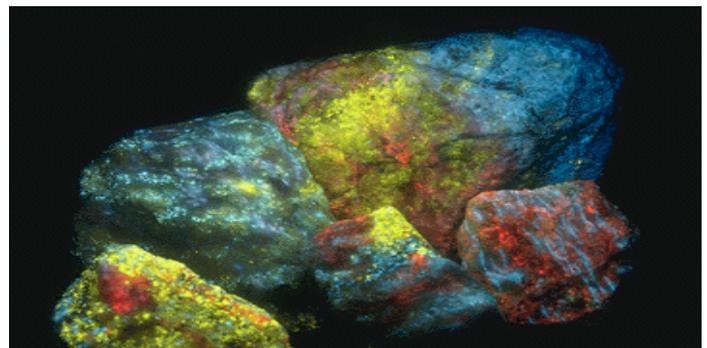


Photo source: <http://www.nearctica.com/geology/mineral/fluor.gif>

October Birthdays

October's birthstone is Opal or Tourmaline



Tourmaline has become an accepted alternative to the traditional opal for the October birthstone. Egyptian legend says that on its way up from the center of the earth, the tourmaline passed over a rainbow and it assumed

all the colors. No two tourmalines are exactly alike and many of them have a mixture of color within a single specimen. Tourmaline is found all over the world, including the United States. In the gem trade, individual color variants have their own name. For instance, intense red tourmaline are known as rubellite. Tourmaline has a hardness of 7-7.5 on the Mohs Scale.

- | | |
|-------------------------|----------------------|
| 1 Susan Hailey | 18 Emily Randolph |
| 3 Patricia Podzorski | 20 Anne Laulederkind |
| 4 Patsy Black | 21 Mathilda Doorley |
| 5 Matthew Lybanon | 21 Taylor Faddis |
| 5 Ben Mandino | 21 Janine A. Shipman |
| 5 Jon Scilken | 21 David Sanford |
| 6 Dick McKitrick | 24 Peter Doorley |
| 7 Alan Jacobs | 24 Raynee Randolph |
| 9 Charles Hill | 24 Keith Riding |
| 10 Nelson Eddlemon | 27 Nicholas Wheeler |
| 11 Barry Burns | 28 Anne Fordyce |
| 11 George Everett | 30 Mary Klug |
| 11 Tracy Motter | |
| 13 Michael Baldwin | |
| 13 Greg Parks | |
| 16 Dr. Joe Young | |
| 18 Janet Huettel | |

Web Site Statistics for September 2007

a brief look at our website
(www.memphisgeology.org) from 1/21/02-9/21/07

Total Visits & Hits

| | |
|-------------------------------------|-------------------------------------|
| Total visits to web site | 255,111 |
| Total hits to web site | 923,454 <i>Almost a million!</i> |
| Visits in past 30 days | 10,613 |
| Hits in past 30 days | 42,193 |
| Average daily visits (past 30 days) | 272 |

Top page views past 30 days

| | |
|------------------|----------|
| rocknews1005 | 771 hits |
| homepage | 685 hits |
| Rocknews0907 | 568 hits |
| explorernews0604 | 378 hits |
| rocknews0807 | 351 hits |

Note: A visit is every time someone comes to our web site. A hit is every page viewed once a user enters our web site.



Melissa Johnson has been traveling in Europe and will be returning to the meetings in November. Thanks to Mike and Sherri Baldwin for doing such a great job filling in for her at the September Membership Meeting.

The adults will have a very special program on fluorescent minerals at the October membership meeting so there will be no Junior Rockhound meeting as the youth will be included in the adult program.

2007 Dates to Remember

| | Board Meeting | Membership Meeting | Due Date For Newsletter Submissions |
|----------|---------------|--------------------|-------------------------------------|
| October | 04 | 12 | Sep 21 |
| November | 01 | 09 | Oct 17 |
| December | 06 | 14 | Nov 21 |

The Southeast Federation of Mineralogical Societies, Inc

The Friendly Federation - Founded in 1976 to serve.

DMC Program of the SFMS Field Trip Committee
An Official Field Trip of The Lowcountry Gem & Mineral Society, Charleston, SC (HOST)
An Official Field Trip of the Memphis Archaeological and Geological Society

October 20, 2007

Lafarge Cement Quarry in Harleyville/Holly Hill area, South Carolina

Collecting Hours: Participants should start arriving at 7 a.m. to check in, sign a release form, and receive a safety briefing. The dig will be from 7:30 a.m. to 1:00 p.m. There is no fee for this dig. If children (under 18 years old) come to dig, they must be in close proximity to their parent(s) at all times. The mine representative stated no young children are permitted in the mine (he did not elaborate on "cut-off age.") This is a working mine. Nothing was said about pets but experience tells me to advise against them.

This mine is primarily noted for its Eocene marine fossils including scallops, oysters, brachiopods, echinoids, shark teeth, ray teeth, etc.

Special Conditions: Because this is a working mine, safety is most important. Hard hats and safety glasses are required and will be supplied by the Lafarge mine. It is also recommended that you wear safety (sturdy) shoes, gloves, and appropriate outer clothing. Everyone must sign a release form prior to going into the mine. We will meet at our Lafarge Cement Quarry hosts' "work trailer" to sign the release forms and get a safety briefing before entering the mine.

What to bring: Bring something to gather your specimens, picks, hammers, small shovels, a bag lunch, and plenty of drinking water. If the weather is nice, we may be able to drive into the mine, otherwise we walk (about a quarter of a mile or more). There are no restaurants nearby so it's important to bring your lunch and drinks.

Trip conditions: We will be limited to the first 40 for this field trip and there will possibly be other organizations collecting with us bringing the total to around 100 or more. Lafarge only opens up the mine to collectors once per quarter. Because of this condition, club Field trip Chairman, Mark Easterbrook, will be the point of contact for both the mine and the DMC participants. His contact info is as follows:

Mark Easterbrook: mark.easterbrook@erm.com. Home phone is (843) 552-1049 Cell: (843) 276-4016.

If you want to attend this trip, contact Mark no later than October 13. If you send an email, put *DMC October Trip* in the subject line so he can expedite completion of participants. Only the first 40 responders will be included on the sign up list.

Lodging: For lodging info, check www.metrotravelguide.com/hotels/saint_george/sc/usa for a listing of nearby motels.

Directions: From I-26 take exit 177 (Hwy 452 Holly Hill/Harleyville). When you reach the top of the ramp, turn towards Harleyville. The mine is less than a mile on the right.

"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!" DMC Program / SFMS Field Trip committee's purpose: To collect field trip information from its member societies; schedule and coordinate field trip dates; disseminate field trip information to all member clubs so that each member society may publish this information as one of their "official" scheduled field trips.

MAGS OCTOBER FIELD TRIP

DAVID DAY: The October field trip will be to collect geodes outside Livingston, Tennessee plus fossils at nearby Dale Hollow Lake. We will be meeting at the Overton Restaurant at 8:30 a.m. Saturday, October 20 to convoy to the geode collecting site and then together move to Dale Hollow Lake in the early afternoon. Sunday morning October 21, we will again meet at eight thirty at Overton Restaurant to convoy to a second geode collecting sight. Please bring your favorite samples from previous trips to the October Meeting so those who have never been and especially new members can see how exciting this trip can be. Additional information about the trip, lodging, and sign up will be available at the October membership meeting or by email. Make sure and review the convoy guidelines on the MAGS web site since this is a very popular road trip with our club members and those hilly roads to these sites can be challenging.



C.H. Nash Museum
Chucalissa

Native American Heritage Days

Once again, MAGS has been invited to participate in Native American Heritage Days at Chucalissa October 16 through October 19th. In previous years, MAGS has had a table displaying rocks and fossils and club informational material has been handed out to the students. It has always been very successful and the table has been swarmed with kids. Additionally, they allow club members who are there representing the club to have a table to sell low-prices rocks and fossils to the school kids. Usually we schedule two volunteers per day. Chucalissa will provide a tent and table for our display. However, those wishing to sell rocks and fossils should provide their own small table for their sale items. Anyone wishing to volunteer, see WC McDaniel at the Membership Meeting, or call him at (901) 274-7706.

2007-08 Adult Presentations

October

“Fluorescent Minerals”
Presented by Mike Baldwin and Mike Cannito

November

“Exploring a Mineral Collection”
MAGS members will uncrate, unpack, unwrap, and marvel at a 1,100 piece mineral collection purchased by MAGS. The first viewing in decades!

December

Christmas Party
No program

January 2008

Ashley Allen
Union Chapel Mine near Jasper, Alabama

August 2007 Board of Directors Meeting Notes : CAROL LYBANON

The MAGS Board of Directors met August 2, 2007, at the Blue Plate Café, 5469 Poplar Avenue. The meeting was called to order at 6:40 P.M. Those present were: Sandy Ward, W.C. McDaniel, Ron Brister, Pam Gurley, Mike Cannito, Mike Baldwin, David Day, Carol Lybanon, Matthew Lybanon, Barry Burns, Alan Jacobs, Cathie Jacobs, James Butchko, and Melissa Johnston. The minutes from the July Board and General Meetings were reviewed and approved as read. David Day noted that the minutes were correct, but he had inadvertently given the wrong date for the August field trip. It will be August 11 instead of August 18. **Treasurer's Report :** The Treasurer's Report was approved as submitted, subject to audit **Field Trips: David Day reported that the September trip will go to Richardson's Landing on September 22. There was some discussion about changing the date, but the Board decided to leave it where it was. The October trip will be to Dale Hollow Lake; the date is not definite. W.C. McDaniel said that Cornelia found that the lake water is high now but is expected to be extra low in October. Programs:** The August program will be "Eating and Swapping." W.C. McDaniel said that he would also find some games to play during the evening. He asked that each Board Member bring 6-12 cold canned drinks to the August meeting. T shirts are available at the meetings. Sandy Ward said that our Members are still looking for agenda sheets at our Membership Meetings, so she will attempt to produce them. Dr. Gibson will present the September program. The Board discussed whether the topic should be fossils or meteor site, and decided on the former. Ron Brister suggested a presentation on the Ross Formation Birdsong Shales, and the Board agreed. **Library: Carol Lybanon suggested that we could list in our monthly newsletter the titles of the books that are due. Ron Brister prefers calling the people with overdue books first. Matthew Lybanon delivered the book on the Union Chapel Mine site to Ron. Webmaster:** Mike Baldwin found when he was in Franklin that a number of people in other cities had accessed our web site. While there, he also talked to the author of a book about collecting sites in North Carolina. **Membership: Pam Gurley introduced, and the Board accepted, two membership applications: Stan and Maureen Johnson and children (Michael, Anthony, Caitlin), and Jon and Susan Thompson and grandchildren (Jim and John).**

Show: James Butchko thanked everyone who helped at the Ronald McDonald House Big Scoop Festival. Old Business: We have not rented the facility on South Cox yet, because the lease was written for the wrong space. W.C. McDaniel is waiting for the new lease. Barry Burns reported on the audiovisual equipment. Projectors and laptops will cost \$1,500-\$2,000, depending on the specific

equipment. He could find a cheaper system (~\$1,200) but he doesn't recommend it. The projector will cost around \$700. A cheap PC will cost \$500-\$600; a Mac will cost around \$1,000. W.C. McDaniel moved that Barry should bring the Board two proposals in September, and we will vote on the purchase then. The motion carried. There was a discussion on who would be in charge of the equipment, where we would store it, and where the funds to purchase it should come from. These items were tabled until next month. **New Business:** Carol Lybanon brought up the Nonconah Regional Greenbelt Trail, and suggested that MAGS play some part in the publicity and educational aspects. Matthew and Carol Lybanon are trying to get in touch with Ted Fox (Shelby County) to see how we can get involved. Mike Baldwin offered to help. W.C. McDaniel moved that Matthew and Carol Lybanon receive \$25 finders fee for the Union Chapel Mine site. Motion carried. The meeting was adjourned at 7:40 P.M.

August 2007 Membership Meeting Notes : CAROL LYBANON

The MAGS Membership Meeting was held at Shady Grove Presbyterian Church on August 10. The meeting was called to order by President Sandy Ward at 7:44 P.M., with 50 members and 9 visitors in attendance. The visitors were: Donna Marsh, Joseph, Timothy, and (friend) Andrei; Anna Marsh; Marc Mueller; Mike Wheeler; Patricia Allen, and Kennedi Cable. Sandy Ward presented Karen Schaeffer with an award from the American Federation of Mineralogical Societies (AFMS). She won the AFMS Editors Award, 1st Place (nationwide), 2007, for Junior Articles-Under 12, in the 2007 Bulletin Editors Contest. David Day told about tomorrow's field trip to Memphis Stone and Gravel. Alan Parks will be the leader. There is a signup sheet on the table in the back of the room, along with pictures and examples of some of the things that can be found at the site. Alan Parks prepared a detailed map to the site. Pam Gurley presented New Member packets. W.C. McDaniel presented the schedule of programs for the next three months: September—Dr. Gibson; fossils October—Mike Baldwin and Mike Cannito; fluorescent minerals November—indoor mineral hunt The business part of the meeting ended at 8:00 P.M. Sandy Ward then turned the meeting over to W.C. McDaniel. He said, "Let's eat, swap, buy and sell." Everybody enjoyed the dinosaur card matching game. The program was a lot of fun, with good food and enjoyable activities.

October Rock Swap Reminder

Once again, Alan, Alishia, Harrison and Noa Parks will be hosting the highly anticipated October Rock Swap and Catfish Fry! It will take place on Saturday, October 13, and the time will be announced at the upcoming Membership Meeting. Alan will be cooking his wonderful catfish & hushpuppies. All who are attending, please plan on bringing a side dish or dessert to share with everyone, as well as your drinks.



As always, there will be rock swapping, buying and selling. Bring your own tables and chairs. If you plan on selling, please bring a specimen to donate for a door prize. Members are requested to bring a shoebox of material for the 2008 Show's gem dig and/or grab bags.

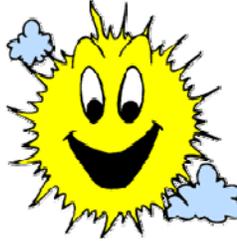
material for the 2008 Show's gem dig and/or grab bags.

If you are a new member or don't feel like setting up a table to sell or swap, just bring yourself and enjoy the day!

Directions: The Parks live at 831 West Powell Road in Collierville. From Poplar Avenue in Collierville, turn north on Byhalia Road. Then turn left at the third light (West Powell Road).

See you there!!!

Sunshine Report



If you have any announcements to include in the sunshine report, please contact Pam Gurley at 324-7235

I hope everyone is enjoying this wonderful weather! We were sorry to hear about Lou White injuring his leg while rock hunting but it's good to hear that he's healing well!

Happy Fall, everyone!

Pam Gurley

Announcement From Club Member, James Butchko....

Recently, while was working in Tupelo I noticed a huge grading/construction project at exit 81 (McCullough Blvd.) on U.S. 78 (Lamar) just west of Tupelo. Gray shale/clay was exposed like at the Frankstown site where we collect *Exogyra* shells. I got off early and found several *Exogyra* shells (baseball sized) in about half an hour. There may be more. If you are in the area, you may want to stop and check it out. There are two sites. One is on the northwest side and the other on the southeast. The same day, Sept 7, I went to Twenty-Mile Creek and found 33 small-average shark teeth in three hours. I think they all are ones I've thrown back before, but since they hadn't grown none, I kept them. It was very low water, scummy, and overgrown. But it still beat working!

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.

Except for items that are specifically copyrighted by their authors, other societies may use material published in MAGS Rockhound News provided that proper credit is given and the sense or meaning of the material is not changed. Editor: Shelby Hartman, 5116 Whiteway Drive, Memphis, TN 38117

©2006 Memphis Archaeological and Geological Society.

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 • Special Publication 2nd—03 • Art 77, 80, 81, 82, 86 • Junior Article 1st—03 • Adult Article 1st—06, 2nd—89, 90, 04, 06; 3rd—92; 4th—85, 04; 5th—91, 03; 6th—87; 8th—04; Honorable Mention—03, 04

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

October 2007

| 5Sun | 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 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 | | | |

- October 4** **6:30 p.m.** **Board Meeting: Blue Plate Café, 5469 Poplar Avenue**
- October 12** **7:30 p.m.** **Membership Mtg. at Shady Grove Presbyterian Church, 5535 Shady Grove Road**
- October 13 TBA **Rock Swap and Fish Fry at The Parks' home**
- October 16-19 **Native American Heritage Days at Chucalissa**
- October 20-21 **DMC Field Trip, Lafarge Cement Quarry, South Carolina**
- October 20 **MAGS Field Trip to Dale Hollow Lake**



MAGS Rockhound News
5116 Whiteway Drive
Memphis, TN 38117