



Inside This Issue.....

Officers & Board	2
President's Corner	
MAGS Best of Show Rules & Update	3
Announcements & Tid- bits	
"Spencer Opal" cont'd	4
MAGS May Field Trip	
May Birthdays	5
Website Statistics	
Dates To Remember	
DMC May Field Trip	6
March '08 Board Meet- ing Notes	7
March '08 Membership Meeting Notes	
Adult Program Presen- tations	8
Youth Program Presen- tations	
Sunshine Report	
Guide To Tumbling Stones	9
May Rock Swap Info	
Monthly Calendar	10
Newsletter Awards	

Spencer Opal

MIKE BALDWIN: Spencer, Idaho, popula-
tion 38, is home to one of the largest opal
deposits in the United States. Two lost
deer hunters discovered opal in this area
in 1948 and the first claim was filed in
1952. Today there are four commercial
opal companies there. Though white is
the most common color around the world, Spencer miners find rare red, pink
and blue opal.



The primary formation of the Spencer opal mines is a rhyolite and obsidian
flow filled with gas pockets. The secondary deposit is a solution of silica and
water, trapped within the rock and released by a series of geysers. As a re-
sult of several eruptions over a period of time, the opal is found in layers.
Most of the layers are very thin. These thin layers, hydrothermally deposited
inside hollow geodes, produce some extremely high quality precious opal
which is very transparent with great color intensity. Opal is brittle, heat sensi-
tive, and it scratches or breaks easily. Some varieties even self-destruct
through loss of water. Even with these delicate qualities, opal remains as a
precious gemstone, due to its unsurpassed beauty.

The word opal is derived from the Roman word "opalus" and the Greek word
"opallios", meaning "to see a change of color." The Greek word was a modifi-
cation of the ancient Indian Sanskrit name for opal, "upala," which meant
"precious stone." To combine the derivatives of the opal name, opallios
upala, would yield the meaning, "to see a change of color precious stone."
Opal has been a treasured gemstone for centuries. Romans adored the opal
as a token of hope and purity. Greeks thought that opal yielded foresight and
prophecy. Arabs thought that it was a gift from heaven, and Asians viewed it
as sacred.

Opal is the most colorful of all gems. The flashes of iridescent color seen in
an opal change dependent upon the angle from which the stone is viewed.
The value of an opal is determined by the intensity and distribution of these
flashes of color. Cracking [internal cracking] may occur in opals if they are re-
moved from damp conditions and allowed to dry too quickly. Cracking may
also take place from vibration, such as during the cutting and polishing of
specimens. A very gradual drying process over months, or sometimes even

(cont'd page 4)

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President's Corner



We did it again! The 29th Annual Mineral, Fossil & Jewelry show is just a happy memory... (an expensive memory for some of us, but hey, who doesn't need more stuff to sit around on shelves and table tops, right?)...and it appears that as usual it was a success, in spite of a very rainy, messy Sunday. Thanks so much to Show Chairman, Jim Butchko and to W C McDaniel for their tireless efforts and to Cornelia McDaniel for recruiting and organizing our volunteers (and for feeding us such delicious food at the committee meetings!). Thanks to Lou White for ALWAYS showing up, year after year and working so hard on the days before the show starts. Thanks for all who helped stuff the grab bags and a BIG thanks to Nanett McDougal-Dykes for making so many of them! Thank you to all who brought food and helped clean up/set up Friday night. Thanks to everyone on the show committee who sacrificed their time and gasoline to attend the meetings and gave so generously of their talents and good ideas to make possible the exhibits, demonstrations, refreshments and a whopping good time in the Rock Zone for kids. I'm sure I'm forgetting some of you who deserve a special mention, but I'm out of brain cells and space in the newsletter, so, a big *THANK YOU* to ALL who volunteered, showed up and helped make it happen one more time. I'd also like to announce that Alan Parks has agreed to be the Show Chairman for 2009. I'm sure Jim is happy to relax and let Alan take the helm for awhile after working so hard these past few years and I am very confident that Alan is up to the challenges that our move to the Agri-Center will bring. Thanks again...see you at the meeting.

Sandy Ward

“Best of Show and Found Display Contest” Rules

To display and compete each member is requested to:

1. Bring a single specimen from the location listed in the table on the right (collected on a MAGS field trip or at the same collection site at another time).
2. You must have found the specimen yourself.
3. Specimen must be in original form or, if changed/modified, only through lapidary or prep work.
4. Juniors and adults are combined for this contest.
5. One winner will be selected. Winner will determine by members using a point rating from 3(high) to 1(low).
6. Winner will receive a certificate and entry into the Best of Show event in December. A special prize will be awarded to the Best of Show winner at the December Christmas Party.

Best of Show

Month	Type of Material	Location	Winner
March	Druze Quartz	Missouri	David Day
April	Petrified Wood	MS, TN, AR	Carol Lybanon
May	Quartz Crystal	Arkansas	
June	Fossil	Vulcan or Dale Hollow	
July	No Display—Mineral Sale		
August	No Display— Rock Swap Fund Raiser for Shop		
September	Agate	Gravel bars or pits, etc.	
October	Fossil	Frankstown or Birmingham Ridge	
November	Geode	Ledbetter or Pharis Farm	
December	Winners from previous months compete for “BEST OF SHOW.”		



Announcements & Tidbits

WELCOME NEW MEMBERS!!

Maci Twombly joined MAGS in March and **Ken and Judy Faulkner** became members in April. We look forward to seeing you at Membership Meetings and on our field trips throughout the year. Welcome!

BEWARE THE MOSQUITOS!

Last year we had a bit of a reprieve from the mosquito population due to the end-of-summer draught. However, recent rains have helped ring in “West Nile Season, which officially starts in our region on May 1st. Often, MAGS members find themselves collecting in

creekbeds and near rivers and lakes. Be sure to take precautions to minimize your mosquito exposure. Although DEET, unfortunately, still reigns supreme as the most effective mosquito repellent, there are other precautions that will help — light cotton clothing that covers the arms/legs, a wide brimmed hat will help protect the scalp and ears. Some swear by their Avon Skin-So-Soft and others like to mix up their own repellents with essential oils. Whatever works for you, just be mindful of the dangers and be safe out there!



Spencer Opals (cont'd)

years, can sometimes stabilize a stone and allow it to be cut and polished. Opals which show a play of color are called precious opals and those that do not show a play of color are called common opals.



Gems are cut from both precious and common opal. The most desired opal is the black opal, which has a dark blue, dark green, or black background and a strong play of color. White opal [white, yellow, or cream] with a strong play of color is also highly desired, followed by Mexican fire opal, which is a transparent or translucent orange-red common opal.

The Spencer Opal Mines are located in Southeastern Idaho, about 70 miles north of Idaho Falls along I-15, 70 miles west of Yellowstone National Park, and 80 miles south of Dillon, Montana. The mines are not open to the public daily, but there are several times throughout the year when you can dig [for a fee]. For more information about the mines and digging times, call 208-374-5476 [May-October], 928-859-3752 [November-April] or email Info@SpencerOpalMines.com.

References:

1 Idaho's High Desert Hides Opal; http://www.opalstore.com/news_1.htm; November 5, 2003.

2 Headquarters of the Original Spencer Opal Mine; <http://www.SpencerOpalMine.com>; November 3, 2003.

Images courtesy of gemstoneworld.com

MAGS APRIL FIELD TRIP

DAVID DAY

Memorial Day weekend offers the perfect opportunity for an extended field trip weekend while satisfying the numerous request for the opportunity to collect Quartz Crystal in Arkansas.

With such a wide diversity within our club members abilities, interests, and experience, the Ron Colman Crystal Mine will be the perfect place to meet, hunt, and share a day together on Saturday May 24th. From there we can discuss that days luck at Ron's mine plus consider the many other collecting opportunities in the area for those wishing to also hunt Sunday and Monday.

Information on the specifics will be available at the May membership meeting or by email about the field trip, places to stay, other mines, activities in the area, etc. For those members new to rock hunting, the Hot Springs/Mt. Ida area offers a real opportunity to find a diversified variety of quartz crystal that is unequaled anywhere in the world in addition to being a really fabulous outdoor destination. Ron's mine will be a great place for us to start the rock hunt or maybe stay the weekend and really dig in: <http://www.colemanquartz.com/index.html>



Specimen found by Shelby Hartman at Ron Coleman Crystal Mine 2006

May Birthdays



SHELBY HARTMAN: Emeralds are a variety of the mineral "beryl." They are colored green due to the presence of chromium and, sometimes, vanadium. Emeralds (beryl) has a hardness of 7.5-8 on the Mohs scale.

Emeralds come in a variety of shades of green to blue/green.

Most emeralds are highly included which causes them to be quite brittle. The more expensive stones typically are clear from inclusions and are more intensely dark green in color. Almost all emeralds contain numerous inclusions, cracks and flaws. During the lapidary process, most emeralds are oiled with cedar oil, which greatly improves their clarity. The emeralds of the highest quality come from the Muzo mine in Colombia. Fine emeralds are also found in Zimbabwe, Brazil, Zambia, Madagascar, Pakistan, India, Afghanistan and Russia. Some emeralds are found in the United States in Gastonia, North Carolina.

- | | |
|-----------------------|--------------------|
| 2 Kathy Hemingway | 15 Carlos Sejas |
| 4 Theodore Muir | 16 Robert Duncan |
| 5 Tom Prodanovich | 17 Alan Adams |
| 8 Jean Helt | 19 Joanne Gilmore |
| 8 Amanda Thomas | 21 Jeff Oswald |
| 9 Carol Lybanon | 23 Sharon Drungell |
| 10 Caitlin Cannito | 25 Maureen Johnson |
| 11 Mary Elliott | 27 Kelly Baldwin |
| 11 Mike Easley | 28 Carl Warren |
| 12 Billy Kennedy | 29 Faye Smith |
| 12 Pam Crumpton | 30 Michael Cannito |
| 13 Daniel Baird | 30 Gary Law |
| 13 James Butchko | 30 Herb Nichol森 |
| 14 Phillip W. Eglsaer | 31 Rheba Wall |
| 14 Bonnie Brooks | |

2008 Dates to Remember

Month	Board Meeting	Membership Meeting	Due Date for Newsletter Submissions
May	May 01	May 09	Apr 20
June	June 05	June 13	May 25
July	July 03	July 11	June 22
August	July 31	Aug 08	July 20
September	Sep 04	Sep 12	Aug 24
October	Oct 02	Oct 10	Sep 21
November	Nov 06	Nov 14	Oct 26
December	Dec 04	Dec 12	Nov 23

Web Site Statistics for April 2008

a brief look at our website (www.memphisgeology.org) since 1/21/02

Total Visits & Hits

Total visits to web site	314,687
Total hits to web site	1,178,174
Visits in past 30 days	9,326
Hits in past 30 days	41,686
Average daily visits (past 30 days)	250282

Top page views past 30 days

homepage	861 hits
The Show	604 hits
rocknews1005	518 hits
Space Geology Eris	481 hits
rocknews0408	375 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.

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 High Point Mineral Club (High Point, NC) (HOST)
An Official Field Trip of the Memphis Archaeological and Geological Society

9:00 a.m. until 6 p.m., Saturday, May 17, 2008

James Bowers Limonite Prospect Field
Aquadale, NC

<<<FEE SITE>>>

WHERE: James Bowers Limonite Prospect Field at Aquadale, NC

COLLECTING: Various size limonite pseudomorphs after pyrite cubes. The larger cubes, possibly up to 2 and 1/2 inches, are still in matrix. You can surface collect and find smaller cubes up to an inch or more. You can also dig down several feet and find the larger cubes and some bigger clusters.

FEE: The fee (\$10 per adult / children 12 and under free) is to be paid to Arthur Bud Oates as you enter the mining stie since this is a fee based mine. You will also have to sign an entrance form which will free the High Point Mineral Club from any mining liability just as you normally do at most other mining sites.

BRING: Bring picks, shovels, and other tools that you would use to dig into the ground. It is not rocky until you hit the matrix rock. Then you will need your picks. Gloves are a must. You will have to walk about a 0.5 mile into the mining area from where you park following a clear cut gas line which is usually well maintained. Pine trees now grow on the once open field. Bring water and food with you. There are no places to purchase food and drink near by the mining site. Their are no bathrooms but there are trees etc. Also, suggest a change of clothes and shoes/boots since you will be working in red clay soil. You must fill in your holes before leaving and pick up all your trash.

DIRECTIONS: From I-85 take hwy. 52 south to Albemarle, NC. Continue south of Albemarle on highway 52 approximately 10 miles to SR1918 (Cotton Mill Rd)and turn right. This road is just south of Porter, NC at the sign for North Stanley High School. Keep left at fork shortly thereafter. Continue straight on Cotton Mill Rd/SR1918 passing a junior high school on your left and you will shortly come to a traffic circle. Turn left on this circle and you will see the Michelin Tire Plant on your left and the North Stanley High School on your right. Turn left into the tire plant and park far left of the chain link fence in a right of way found there. There will be some one present to guide you into the mining site. I recommend that you familiarize yourself with the area by using mapquest maps or the like. If you get lost you may contact me at 336-314-1248. I will have my cell phone on that morning. Note: **Park on a right of way to the left of the Michelin Tire Plant. Do not park where there are no parking signs. Your vehicle may be towed away at your expense. You may, of course, park along the state highway. There is really no good entrance to this mining area.**

CONTACT: Arthur (Bud) Oates at 336-431-5062 (home), 336-314-1248(cell) e-mail arthur_oates@yahoo.com

"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!"

MC Program / SFMS Field Trip committee's purpose: To collect field trip information from it's 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.

Please reply by e-mail to: dmc@gamineral.org World Wide Web site for the DMC is: <http://www.gamineral.org/dmc.htm>

DMC is a program of the Field Trip Committee of the Southeast Federation of Mineralogical Societies, Inc. Copyright © All rights reserved.

March 2008 Board of Directors Meeting Notes : CAROL LYBANON

The MAGS Board of Directors met March 6 at the Blue Plate Café, 5469 Poplar Avenue. The meeting was called to order at 6:30 P.M. Those present were: Sandy Ward, Carl Warren, Lybanon, Matthew Lybanon, David Day, Ron Brister, Pam Gurley, James Butchko, Shelby Hartman, and Lou White. The minutes from the February Board & General Meetings were reviewed and approved as corrected. Treasurer's Report: Mike Cannito (not present) sent in his report. It was approved as submitted, subject to audit. Field Trips: Barry Burns was not present, so David Day gave the report. The weekend of March 29-30, we will go to Potosi, MO. David said that all the information about the Potosi trip is in the newsletter. We will stay close to home in April because of the show; the location has not been confirmed. Matthew Lybanon asked whether anybody knew if Barry had contacted Ashley Allen about the Union Chapel Mine trip. Matthew would be glad to try but we need to check with Barry first. Adult Programs: W.C. McDaniel was not present but filed an e-mail report, which said "Program will be tumbling with a question/answer format. Confirmed programs through the summer with possible bookings for the remainder of the year. with the March meeting will attempt to increase displays. A specific type of material and location will be featured in the 'Best of Show and Found Display Contest.' Complete details are in the March newsletter and will be distributed by email." Youth Programs: Mike Baldwin was not present, but sent the following e-mail report: "Youth Program Update: March--Schaeffers--program on their recent trip to Israel; April--Nancy Folden--program on Native American culture; May--Ron Brister--Mid-South fossils; June--David Day--soap sculpture; July--Lybanons--hand-on craft or experiment; August--The youth will join the adults for the Indoor Picnic and Rock Swap. I would like for the youth to have a rock swap table of their own that night.; September--Alan Parks--speak to the group about mining and perhaps schedule a trip to one of the gravel mines?; October--Baldwins--will be presenting an evening of geology experiments.; November--Baldwins--recap of the year and helping the youth prepare Junior of the Year paperwork; December--Dinner/Party with the adults." Library: Ron Brister says about 40 books are missing, some for several years. David Day may have some of them in his field trip boxes; he will check. Sandy Ward suggested we could either move into storage or sell (at our show in April) some of our collection of VHS tapes, since they are not checked out very often and they take up a lot of space. Ron said he needs space for about 60 more books. Webmaster: No report. Membership: One youth member, Maci Twombly, was approved. Rock Swap: Cathie Jacobs was not present. Sandy Ward said she sent out an e-mail today asking for volunteers for rock swaps. Carl Warren volunteered to sponsor a rock swap in September. Show: James Butchko said he is still accepting applications from dealers. He is looking for at least one more. He is cleaning the gravel for the gem dig so there won't be as much dust. Cornelia McDaniel is in charge of volunteers for the show. There will be a signup sheet at our next Membership Meeting. The next meeting of the Show Committee will be on Monday, March 17. Old Business:

Book cabinet—Sandy Ward has not been successful in reaching anyone at the church to obtain permission for a new book cabinet. She will do it before the next Board Meeting. Carol Lybanon reported that W.C. McDaniel, Alan Parks, Karen Schaeffer, and Matthew and Carol Lybanon recorded an interview with Father Don Mowery, which was broadcast on his radio show on March 1 and 2. She has a CD of the program, which will be put into our library. Workshop funding—The Board passed a motion to pay club room expenses from the club savings account, as recommended by Mike Cannito. W.C. McDaniel said (in his e-mail) he has a new idea for displays at our meetings. Look for details in the newsletter. David Day thought we need more displays, because we have a lot of new members. Carl Warren said he has not yet conferred with W.C. about displays. New Business: James Butchko suggested donating a geode to the WKNO Auction, to help advertise our show. The Board discussed what to donate. There was general agreement that we should also donate show tickets, along with one or more specimens. David Day has donated to this auction before, and knows some of the people. He will contact the station. A motion was passed to donate a geode or specimen(s) to be determined, plus show tickets, to be auctioned on WKNO in April. Two points of interest: Ron Brister informed the Board that the Pink Palace has a very interesting traveling exhibit on Gregor Mendel, that should not be missed. Lou White told the Board that he is planning to have a live auction at his table at our show. It will be a collection of items to be sold to the highest bidder, Saturday at 2:00 P.M. and Sunday at 1:30 P.M. The meeting was adjourned at 7:10 P.M.

March 2008 Membership Meeting Notes : CAROL LYBANON

The MAGS Membership Meeting was held at Shady Grove Presbyterian Church on March 14. The meeting was called to order at 7:36 P.M., with 60 members and 6 visitors. The visitors were: Brenda Winstead-Dresden, Brandon Collins, Everett Collins, Ballin Collins, Tyler Gilmore, and John Matthew Erickson. Pam Gurley welcomed visitors and presented a new member packet to Maci Twombly. Sandy Ward recognized Wayne and Ann Williams for their donation of a book, *Healing Crystals and Gemstones*, in honor of Roger Van Cleef. Field Trips: Barry Burns said there was a signup sheet and handouts for our March field trip. It will be a two-day trip, March 29 and 30, to Potosi, MO. Druse quartz, lace agate, barite, and glass bottles can be collected on this trip. People should bring newspaper to wrap druse quartz because it is easily damaged. All the details are available in the handouts. Show: Jim Butchko reminded us that there are only 6 weeks until the Show. We still need bags and material to fill them. The Gem Dig needs quartz crystal points. Lou White announced his live auction to take place at the Show. Cornelia McDaniel aid we need a volunteer to set up the rock food table. Old Business: W.C. McDaniel said people should check the times to sign up for equipment orientation. Program: W.C. McDaniel introduced the program on rock tumbling in a question/answer format. The panel of experts was Dan Reed, David Day, and David McAlister. David Day was the first winner in the them displays competition. Druse Quartz is this month's them. David's display will be eligible for the best of show award in December. The meeting was adjourned at 8:57. P.M.

2008 Adult Program Presentations

May 9
Barry Gilmore
"Opals"

June 13
Mike Howard, Arkansas State Geologist
"Introduction to the Visual and Physical Properties of Minerals"

July 11
MAGS Mineral Sale

August 8
MAGS Annual Indoor Picnic and Rock Swap

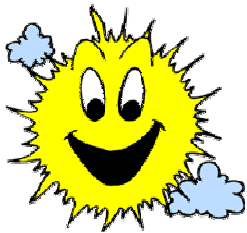
September 11
Robert P. Connolly, Director
Chucalissa

October 9
Alan Parks & Ron Brister
The Geological & Paleontological History of
Nonconnah Creek

Youth Program Presentations

May	Fossil Study	Ron Brister
June	Soap Sculpture	David Day
July	Crafts	The Lybanons
August	Indoor Picnic/Rock Swap with Adults	
Sept	Study of Mining	Alan Parks
October	Civil War Artifacts	Lou White
November	Fossil & Mineral ID	Idajean Jordan
December	Holiday Party with Adults	

Sunshine Report



Ivon Clark has sustained a back injury. Our wishes for a speedy recovery!

Pam Gurley

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



Experts through the ages.

Cartoon courtesy of http://www.nearingzero.net/sci_archaeology.html

Barb's Guide to Tumbling Stones

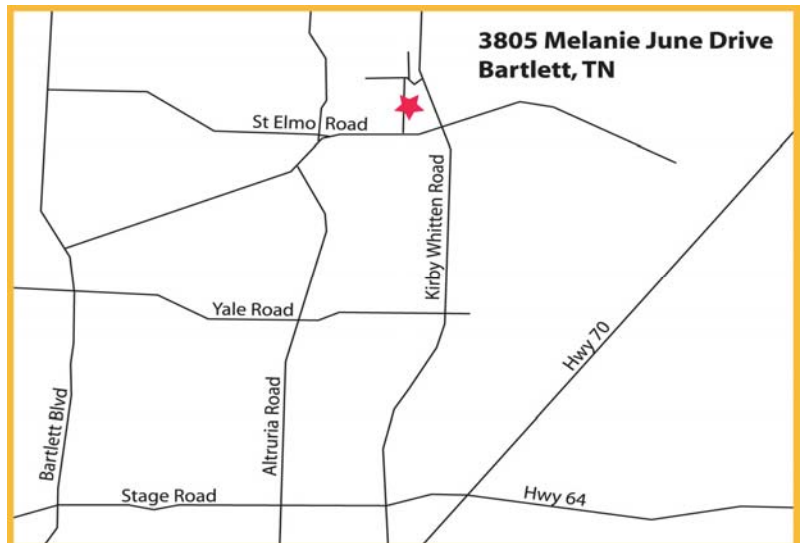
Barrel Size	Step One Coarse	Step Two Medium	Step Three Pre-Polish	Step Four Polish	Soap	Notes
1.5 pounds	4 tbsp 7-14 days	4 tbsp 7-14 days	5 tbsp 7-14 days	5 tbsp 7-14 days	1/8 bar 4 days	Rinse container and rocks well between steps. Oil bearings often.
3.0 pounds	4 tbsp 7-14 days	4 tbsp 7-14 days	6 tbsp 7-14 days	6 tbsp 7-14 days	1/8 bar 4 days	
12 pounds	20 tbsp 7-14 days	20 tbsp 7-14 days	24 tbsp 7-14 days	24 tbsp 7-14 days	1/4 bar 4 days	Rinse container and rocks well between steps. Oil bearings often. Oil motor bearings every 2 months of operation.
VIB 18 pounds	NONE	14 tbsp 2-4 days	10 tbsp 2-4 days	10 tbsp 2-4 days	1/4 bar 1 day	Rinse container and rocks well between steps.

The table above is for hard rocks like agate, quartz, beach glass and carnelian, etc. Softer stones will require less time in the tumbler.
Special Notes:

1. When tumbling beach glass, burp the container twice daily.
2. No crushed rocks in VIB unit unless stones have been tumbled first.
3. Do not use coarse grit in VIB unit.
4. Fill containers to 3/4 full for best operation.
5. The use of plastic beads (filler) may be needed to obtain the correct level.
6. Fill the 1.5, 3.0 and the 12 pound containers 3/4 full of stone and ensure the water level is filled to bottom of top layer of stone.
7. VIB unit requires only enough water to wet the stones and keep the motion of the stones moving freely. Too much water slows the unit down and rinses the grit off the stones.

ROCK SWAP!

The May Rock Swap will take place at the home of MAGS Member, Lou White, on Sunday, May 25th at 2:00 p.m. Thanks to Lou for opening his back yard for what will be a nice afternoon of swapping and selling. If you plan to bring rocks to swap or sell, don't forget to bring your own folding table for your wares. Whether you plan to set up shop, or not, you will still need to bring folding chairs and enough drinks for your crew. We also ask everyone to bring a pot-luck dish to share with everyone. Lou will be cooking burgers or hotdogs and MAGS will provide paper plates, napkins and cutlery. Lou's house is located at 3805 Melanie June Drive in Bartlett, TN. A map is provided below but if you get lost, you can give Lou a call at (901) 937-8522.



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

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

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

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

MAY 2008

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
25	26	27	28	29	30	31

- May 1** **6:30 p.m.** **Board Meeting: Blue Plate Café, 5469 Poplar Avenue**
- May 9** **7:30 p.m.** **Membership Meeting, Shady Grove Presbyterian Church, 5535 Shady Grove Road**
- May 17** **9:00 a.m.** **DMC Field Trip to James Bowers Limonite Prospect Field, Aquadale, NC**
- May 24** **TBA** **MAGS Field Trip—Ron Coleman Crystal Mine—Hot Springs, AR**
- May 25** **2:00** **MAGS Rock Swap at the home of Lou White**



MAGS Rockhound News
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