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Quartz crystals inside a geode from Nameless, Tennessee. Photo by Mike Baldwin

It's what's inside that counts

WC McDANIEL: "Geode" is a universally recognized term that transcends all levels of interest in rocks. Set up a geode cracker or saw at a rock show or crafts festival and a convoy of eyes, whether they belong to a geologist, the serious or casual collector or just curious onlookers, will gather and eagerly await the cracking or cutting of the geode to unveil its interior secrets. Those secrets, unveiled after millions of years in

the making, are a geological phenomenon that has some distinct theories on what is a geode, how they were formed and why they are found in certain areas.

What is and what is not a geode?

The term geode is derived from the Greek word Geoides which means "earthlike." Practically speaking, any round shaped rock is usually referred to as a geode.

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MAGS Events For March

03.04.10 -- MAGS Board Meeting [St. Claire Room, St. Frances Hospital]

03.06.10 -- MAGS Field Trip: Potosi, Missouri [drusy quartz]

03.12.10 -- MAGS Adult Program: Dr. Robert Connelly [CH Nash Museum]

03.12.10 -- MAGS Youth Program: Idajean Jordan [gem trees]

03.20.10 -- MAGS Field Trip: Nameless, Tennessee [geodes]

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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.

February President's Note

WC McDANIEL, MAGS PRESIDENT: REPEAT OF JANUARY AND FEBRUARY NOTE—2010 dues were due by January 1. Please pay as dues provide income to rent the church, pay federation dues, published the newsletter and fund other club events and activities. It also provides you the opportunity to participate and attend, free of charge, the best Mineral, Fossil Jewelry Show in the south. If you went to restaurant and I bought the same meal you get at Friday's show dinner and attended the show on Saturday, a family of four would have spent around \$40. Dues for a family are only \$25 per year. The best deal in town.

As of March 1 the show is only 55 days away, opening to the public at 9:00 am on Saturday, April 24. Over the next few months you will be hearing a lot about the show and how you can help. The volunteer schedule hours and needs have been published. It will be available at the March and April meetings and available upon request.

Some "numbers" from the 2009 show are presented here:

- 3,000—attendance
- \$2,800—donated to the Ronald McDonald House of Memphis
- 2,500—feet of tables packed with rocks, fossils, mineral, jewelry, beads
- \$1,000—donated to Chucalissa Archaeological Museum
- 650—Gem digging trips to the Rockzone.
- \$500—donated to the Tennessee Earth Sciences Teachers
- 400—attended speakers program on a variety of earth science topics
- 350—scouts participated in programs to earn geology merit badge
- 30—dealers from 15 states

SHOW UPDATE

**Memphis Archaeological and Geological Society presents
the 31st annual Memphis Mineral, Fossil, Jewelry Show**

The Earth Wide Open

Memphis International Agricenter
Expo Center, West Pavilion & A and B -wing
April 24 & 25, 2010

Show will feature:

- 30 dealers from 15 states with about ½ mile of tables packed with rocks, fossils, minerals, gems, jewelry, beads and supplies
- Lapidary demonstrators such as beading, wire wrapping, rock tumbling, faceting and general lapidary
- Exhibits of the MAGS' mineral collection, fluorescent display, fossils and the famous "Rock Food Table"
- Exhibitors from Mid South universities, state geology department and other organizations
- Speakers program with a variety of earth science topics
- Rockzone for kids with gem dig, Rocks Around the Clock, paint your rocks, fossil activities

MAGS Volunteer Work Schedule [sign up sheets available at February meeting]

Thursday-22 9-6	Show layout, tables delivered, shed contents delivered At 6:00 pm – grab bag packing and pizza party
Friday-23 9-9	Complete show lay out; Dealers move in 6:30 pm show dinner
Saturday-24 9-6	Show open to public; Large number of volunteers needed every hour for ticket booth, info/member desk, Rockzone, general show support

Way to go Matthew: you never know who you might influence

MIKE BALDWIN: I received an email from longtime MAGS member Ann Huber the other day. When the Hubers lived closer to Memphis, their son, Matthew, was a very active member of the club. Many of you will remember Matthew. Ann thought you might be interested to know that Matthew graduated from UTM in Geosciences in 2007, and has just completed a Masters Degree in Geology at Louisiana State University. At just about the same time this issue of the newsletter is published Matthew should be arriving at the University of Vienna, Vienna, Austria to begin work on his PhD!

Ann says, "Needless to say, the little boy that grew up on rocks, owes many thanks for the encouragements so many in the club gave to him. We plan to keep our membership--even though we are no longer able to be as active."

Ann also attached a couple of pictures. One made along California, Hwy 1 last summer when he served as an intern at Chevron, and the other showing off his other hobby!



Thanks for sharing

MATTHEW LYBANON: Your displays make our meetings more interesting. The display topic for the March 8 meeting is shark's teeth, but you can bring something else if it's really good. Bring your best examples. The best adult and Junior displays (vote early and vote often) will win prizes.

Preview of April's display theme: The April program will focus on the upcoming Memphis Minerals, Fossils, & Jewelry Show. Bring something that you bought, collected, or traded for at an earlier Show.

We are still seeking ideas for display themes that you would really like to see. Pass your recommendations to Matthew Lybanon, Assistant Program Chair, at (901) 757-2144 or lybanon@earthlink.net.

EDISTO SC SHARKS TEETH PHOTO BY MIKE BALDWIN



FINAL DUES NOTICE

If you have not paid your 2010 dues and what to continue to be a member, please pay them today.

Did you know that after you have paid your MAGS dues for 25 consecutive years, you will automatically become a lifetime member and you will never have to pay MAGS dues again!

Send your dues to:
Neville Mayfield
7782 Bill Knight Ct.
Millington, TN 38053

THANKS!

SAD NEWS

John Matthew Crumpton, grandson of MAGS member Clay Crumpton, passed away on January 15, 2010, his 15th birthday. Matthew was born January 15, 1995, in Memphis, Tennessee. Matthew was home schooled. He loved to hunt, fish, and play basketball. He was playing basketball the night he passed away. Matthew's father is an evangelist who travels with the entire family singing and ministering to children and adults. Matthew was a member of the Cleburne County Baptist Church. He leaves behind a loving family and a host of friends and relatives who will miss him very much.

However, once you get past that outer layer and make your way inside, some differences and variations appear that can distinguish geodes from other rocks and can help identify where it was found and how it was formed.

The most common characteristics for a rock to be called a geode usually include three basic components. It should be a rounded, spherical shaped rock with a hollow or partially hollow inside and with the interior crystals pointing inward. Most of the crystals will be quartz. In addition, the geode may, depending on its location, have other minerals such as calcite, chalcedony, and many other minerals in varying concentration.

Other rocks that sometimes are described as geodes include nodules and concretions. A nodule in all appearances looks like a geode. The major difference is that nodules are essentially solid on the inside, lacking any hollow space. Depending on the location, it is not uncommon to find nodules and geodes occupying the same area, may look identical, yet when opened one will be essentially a solid mass while the others may be hollow with crystals. One theory is that these geodes were once solid nodules and over time eroded out to produce the crystals. Some of the most well known nodules are thunder eggs. Concretions are formed by the deposition of distinct minerals, different from the surrounding rock, very firmly cemented around a nucleus. They are generally lens shaped.

How geodes are formed? One writer of an article speculated that there were as many theories about the formation of geodes as there are places to find geodes. The following numbered points are a summary of some of those theories:

[01] Geodes form in any cavity that is buried, which can be bubbles in

volcanic rocks, pockets under tree roots, or even animal burrows. Over time, the external wall of the cavity hardens, and the dissolved [silicates](#) and/or calcites are deposited on the inside surface. This slow feed of minerals allows crystals to form inside the hollow chamber. Then, over millions of years, the geode makes its way back to the surface through normal geologic processes.

[02] Geodes initially formed in a shallow-burial environment as nodules of anhydrite, which later altered to calcite and/or silica.

[03] Geodes were originally nodules of limestone or anhydrite formed within a soft sediment by concentric outward growth around small nucleus or core. The interior of the concretion washed out, causing a hollow groundwater solution that left behind a replacement of the geode walls & the crystals inside.

Where Can You Find Geodes?

Geodes are found throughout the world. The most concentrated areas are located in the deserts, volcanic ash beds, or regions containing limestone, are common geode locations. Some of the areas in the midwest and south include Middle Tennessee extending up to Kentucky and the Keokuk, Iowa area. In addition, geodes are occasionally found in gravel deposits. The Keokuk and Tennessee/Kentucky geodes are found in limestone and in the Salem and Warsaw formations. Keokuk Geodes are some the best known and collected geodes. They are found within a 45 mile radius of Keokuk, Iowa at the confluence of the Mississippi and Des Moines Rivers. These geodes have well defined and sparkling interiors. While quartz is the most prevalent mineral, an additional 18 minerals have been identified as occurring in the Keokuk geodes. The Tennessee/Kentucky geodes have similar appearances and mineral concretions. Many nodules

are also found among the Tennessee/Kentucky geodes.

How do you check out the inside of a geode?

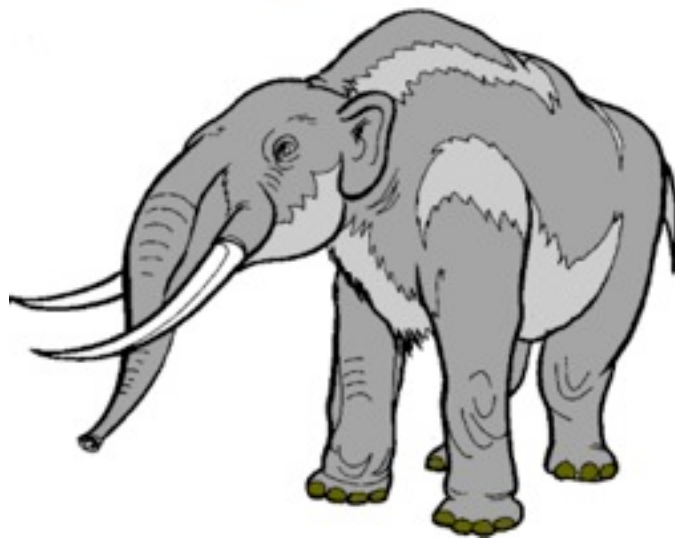
The lure to see inside a geode is strong and irresistible. In order to do that you must find a way to see inside without damaging the geode. The first thing you should do is try to determine if the rock is hollow or solid. The most basic step is by weight. A hollow or partially hollow geode will most likely weigh less than what it should based on the size of the rock. This is especially true when you have several rocks to compare. A sure fire, easy way is to shake it and if you hear a rattle, you've got a geode. The noise is most likely a loose crystal. So, you have determined it is a geode and you've got to get inside. There are several ways that include using a geode cracker, rock saw or a hammer/chisel. A geode cracker is usually referred to a tool that will let you crack the geode. The most common and effective is a pipe cutter that has a chain that is wrapped around the geode and you exert a moderate degree of pressure on the handles until you hear the cracking sound. This method usually produces a fairly clean break of the geode into two pieces. It rarely damages the interior structure. It also has a natural and appealing appearance. A rock saw is also used, although many people are reluctant to use an expensive diamond blade due to the tendency that some loose crystals may pop loose and ruin your blade. The breaking of a geode with a hammer and/or chisel is precarious and should be avoided if at all possible. This method will most likely produce a shattering of the geode into multiple pieces and you will lose all semblance that it was a geode. If you must do this be sure to wrap the geode in a cloth before smashing it, hit it gently and wear eye protection. Some geodes/nodules look pretty good uncracked or unbroken especially some of the thunder eggs from Oregon.

Be a part of the Show.

See your name or your business's name
in the Show Program.

Become a Gem of the Show or a Friend
of the Show.

For information call Matthew or Carol
Lybanon at (901) 757-2144.



APRIL YOUTH PROGRAM PREVIEW

KIDS: You don't want to miss the April youth program.

Kimberly Loveland will take you on a guided tour on Antarctica. She has borrowed an Antarctic Rock Box from Ohio State University. This box contains actual rocks and fossils from Antarctica, along with an identification guide and tools to help you explore these unique geologic specimens. So mark your calendar and be there. You might even want to bring your camera to photograph them. Thanks Kimberly!

MAGS March Field Trip 01

Saturday and Sunday, March 6-7, 2010

Potosi, Missouri [druse quartz]

This field trip [and all MAGS field trips] is limited to MAGS members only.

For information about or sign up for this field trip,
please contact Mike Wheeler [Mike.Wheeler@Shelbycountytn.gov].

MAGS March Field Trip 02

Saturday, March 20, 2010

Nameless, Tennessee [geodes]

This field trip [and all MAGS field trips] is limited to MAGS members only.

Information sheets/sign-up sheets will be available
at the March 12th MAGS Membership Meeting.

DMC March Field Trip

An Official Field Trip of

The Western South Carolina Gem & Mineral Society, Greenville, SC

Saturday, March 13, 2010 • 9:00am-5:30pm EDST

Diamond Hill Mine, Anderson County [near Antreville], SC

COLLECTING: Quartz crystals in numerous forms such as amethyst, smokey quartz, clear crystals, milky quartz, skeletal quartz, and quartz coated with hematite or manganese. Also some microminerals such as cacozenite are found there. In recent years new veins of amethyst and smokey quartz were uncovered by machines.

FEE: Adult fee is \$15.00, \$6.00 for children under 16 and for non-digging spouses and elderly. A filled out release of liability form will be necessary for each person attending. Some forms will be available, but you can avoid delays by going to www.gamineral.org/commercial-diamondhill.htm and printing off the form found under permission

procedure for private individuals. Bring the completed form and fee with you.

WHAT TO BRING: Buckets, picks, shovels, rock hammers, sledge hammers, chisels, scratching tools, sun screen, drinks, and a picnic lunch. No power equipment is allowed.

Directions:

Take I-85 to exit 21 (US 178/ Anderson, SC). Go south on 178 for one mile and bear right onto SC 28. Stay on SR 28 all the way to Antreville. It is 21 miles from Exit 21 to Antreville. Drive past Crawford's store on the left and turn right on SR 284 just before Emmanuel Baptist Church. Drive

2.3 miles and turn right on Suber Road (S-01-508). Go 7/10 of a mile and turn right on Diamond Mine Road (gravel road). Go for 1/2 mile to the mine entrance on the right. The gamineral web site has a map.

Contact information:

Bill Wetzel
phone: 864-306-6749
email: williampkerri@bellsouth.net
the day of the dig my cell will be 864-569-5404

This field trip is for MAGS/DMC members only. No visitors.

Children are welcome.

MAGS Library

Librarian's Recommendations

by Ron Brister

I will publish a "MAGS librarian's choice" list of books on archaeology, geology, lapidary, or other related subjects each month. The reviews are from book dealers or readers on the internet.

MAGS library books are available for circulation to current members. You must submit the library card issued with your membership card to check out books. A complete list of MAGS books will be placed on our website memphisgeology.org in the near future.

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

A Few Jewelry Making Books in the MAGS Library

No. Author/Date
Title

**#188 Bovin/1970
Jewelry Making for Schools,
Tradesmen, and Craftsmen**

Amazon.com Review #1 This book is excellent, I have had trouble putting it down and getting down to some work. It gives lots of detail of how to do things and when I find something is not going right, I refresh my memory and find the correct way of doing it by looking through this book, having waited for this book some weeks and being unable to get it in the UK I found it well worthwhile.

Amazon.com Review #2 This great old standard is a masterpiece of old fashioned straight talk. What I particularly like is that Bovin takes you along step by step, in an understandable manner. As you progress in skill the book gains in value because it is such a good reference book. In fact it became a fixture in the shop. For my money, no matches for this book. I got my first copy in 1965, which I had to replace, due to age and damage inflicted by my 140+ students. My recommendation is BUY IT!!! You won't regret it, I haven't.

**#201 Snowman/1983
Carl Fabergé: Goldsmith to the Imperial
Court of Russia**

Amazon.com Review #1 This book has 185 photographs of various pieces of Carl

Fabergé's studio's work. A majority of the photos are in color. The focus is on the pieces themselves with text accompanying each picture that describes the object and lists the materials used. There is additional text that describes the generic materials used and gives an overview of the studio and the process of enameling. It also discusses the general categories of objects that the studio produced. This book is excellent for someone who wants primarily to see pictures of Fabergé's work and wants some additional background information.

**#249 Neuman/1961
The Design and Creation of Jewelry**

Amazon.com Review #1 I'd like to first start by saying that each version of this book (at least the 1961 & 1982 editions) show different photo examples. I initially found the 1961 edition at my public library and was very excited at the fantastic geometric 1960's designs. I ended up ordering the 1982 version, (used, from Amazon) and was disappointed to see that the images had been updated to a style that I was not as interested in. The photos in the 82 edition are also quite dark. Yesterday, at my local library's book sale, I was thrilled to find the 1961 edition (for \$1) that I had first seen and been inspired by, several years ago. I own several jewelry making books from the 50's-'70's mainly for inspiration from the designs of the times.

Amazon.com Review #2 Von Neumann was my instructor at the University of Illinois back in the 1970s. His book was not only extremely easy to understand, but he was one of the most inspiring teachers I ever had in my fine arts education. I made my wedding and engagement rings under his supervision (lost wax), and could not have been happier! Unfortunately, he died accidentally in the 1980s; but his book will remain the best textbook for silversmithing there is, in my opinion. His only updates were to have new photographs of student work every few years. I'm glad the other reviewer was able to find his favorite edition.

**#452 Soukup/1986
Jewelry Making for Beginners**

Amazon.com Review #1 A fine little book if you integrate soldering into your wire work.

Amazon.com Review #2 I really enjoyed this book it has given me some great ideas, I haven't tried them yet but will get to it soon. The book is older but it is still a great book to have for beginners and advanced alike. I hope you enjoy it as much as I do!!

**#461 Virchick/1989
Pearl and Bead Stringing with Henrietta**

Amazon.com Review #1 Once I read Henrietta's book it was SO EASY! After reading this book the beads that I sell brought in so much more money. My craftsmanship improved and more and more customers are commenting. Thank you Henrietta!!!!!!

Amazon.com Review #2 Henrietta's step by step instructions on the art of bead stringing are accompanied by easy-to-understand drawings. I've already made several necklaces of semi-precious and precious stones, and have given some as gifts, for which the recipients have been tremendously appreciative.

Amazon.com Review #3 Great for persons interested in learning techniques. Not a fancy book, very plain, but informative.

**#129, 130, & 442 Choate/1988
Creative Gold and Silversmithing**

Amazon.com Review #1 Includes chapters on design, metals, texturing, annealing & pickling, shaping, sawing, filing & sanding, buffing & polishing, soldering, metal coloring & finishing, mountings & findings, wire, chains & tubing, hinges, rings, applique, inlay, chasing, engraving, etching, scrollwork, filigree, fused metals, forging, metal spinning, blue steel, enameling, electroplating & electroforming.

Amazon.com Review #2 This book is great. I am a recent graduate bench jeweler, and I wish we would have had this book as a textbook. The descriptions and instructions are very detailed and easy to understand. It gives you specifics and also encourages you to be creative. I learn more each time I pick it up.

**#290 Davis/1960
Aaron's Breastplate**

Amazon.com Review #1 History of Aaron's Breastplate and description of the making of a modern reproduction of it. Symbolism of the breastplate and the various gemstones mounted in gold. Each stone represents an Old Testament tribe. About 20 black and white illustrations of stones and gems. Softcover. 48 pages. Measures 8 1/2 by 11 inches. SIGNED on each biography pages by Author, Gem Donor (Orron Evans) Weaver of cloth (Lillian Wessel) and gold donor (Roy Whistler). Includes price list of value of gems and gold. Published in St. Louis, MO

January 2010 Board Meeting Minutes

Carol and Matthew Lybanon

The MAGS Board of Directors met January 15 at Shady Grove Presbyterian Church. The meeting was called to order at 6:40 P. M. Present were: Mike Baldwin, Ron Brister, Robert Duncan, Doris Jones, Carol Lybanon, Matthew Lybanon, Neville Mayfield, W. C. McDaniel, Alan Schaeffer, and Paul Sides. Excused: Mike Wheeler, Nannett McDougal-Dykes, and Kimberly Loveland.

Secretary: The minutes were approved as submitted.

Treasurer: W. C. McDaniel reported that the Club account now has \$2,703 deposited from the 2009 Show, and \$520 from the Holiday Party. Doris Jones distributed the annual report. We need to work on a 2010 budget at the February meeting. Matthew and Carol Lybanon gave Doris the prepared SFMS membership renewal forms. Doris will need to list the number of members at the end of 2009 and send that along with a check and a membership list to the Federation. The December Treasurer's Report was approved subject to audit.

Membership: Neville Mayfield reported that there are 54 paid-up Members. W. C. McDaniel reminded the Board that they need to make sure to pay their 2010 dues. Mike Baldwin suggests listing the names of those who have paid their dues on the website. Neville also reported that there are two new family members, Henry Clay Nall, IV and Adam Sapp (grandson), and Patricia & Richard Royle and Samantha, Pearson, Mason (children).

Field Trips: Robert Duncan reported that the February field trip will go either to Blue Springs (Mississippi) or Vulcan Quarry (Parsons, TN). No date has been set. The club plans to go back to Missouri in March, possibly the third weekend. W. C. McDaniel said MAGS plans to go to the Davis Watts farm to collect geodes, which Mr. Watts is donating to the Show. Lost Creek is another possibility for a field trip. We need to check with Ashley Allen concerning the water level.

Adult Programs: Paul Sides announced that tonight Ron Brister will give the program; the topic is Coon Creek. The February program will be on the La Brea Tar Pits, presented by Mark Norton. Dr. Connolly has been rescheduled to March. The April program will be on the Show. In May George Phillips is tentatively scheduled to present a program on Blue Springs. Carol Lybanon suggested we should have some backup programs on video. Ron Brister said we have lots of videos, and he would send a list. The discussion on backup programs was tabled until February.

Junior Programs: Tonight's program will be given by Mike Baldwin, on fluorescent minerals. The February program will be presented by the University of Memphis Egyptology Graduate Student Association. The March program is tentatively scheduled to be on wire trees.

Show: W. C. McDaniel reported that all dealer spaces are sold out. Most space in the Demonstrations Area is committed. Alan Parks still has one or two slots available for speakers. The Show is in good financial shape. Memphis Stone & Gravel will continue as a sponsor at the \$1,000 level.

Library: Ron Brister had some questions about changes to the church's door lock coding. He added that he thinks all officers should wear name tags at our meetings. He offered to make the tags.

Newsletter: Mike Baldwin reported that the deadline of the 15th of the month is working out. He thanked people for their cooperation last month. He is working on a new layout. There are a few spots to fill in this month's issue. He also said there are 27 members without email, but only 14 of them have requested printed copies. Mike is using 20-weight paper to lower postage costs. Ron Brister will write a regular column on the Library.

Webmaster: Mike Baldwin said that the Show website is still having problems with Google; people cannot see the site without logging in. W. C. McDaniel said we should get a new hosting service if the problem is not resolved quickly, since we are getting close to the Show's dates.

Historian/Rock Swap: No report.

Old Business: Alan Schaeffer bought our new projector. Now we need to get someone to be in charge of running PowerPoint demonstrations.

New Business: None.

The meeting was adjourned at 7:20 P. M.

January 2010 Membership Meeting Minutes

Carol and Matthew Lybanon

The MAGS Membership Meeting was held at Shady Grove Presbyterian Church on January 15. The meeting was called to order at 7:35 P. M. 52 Members and 1 visitor were present. The visitor is Chris Bertram.

W. C. McDaniel welcomed everyone to the meeting. He reported that 20 people attended the Potosi, Missouri, field trip. We are considering returning the third weekend in March. ShowTeam2010 will lead a field trip to Cookeville (Davis Watts farm) to collect geodes for the Show. It will be an official field trip so all Members are invited. Today (January 15) is the deadline for submissions to the February newsletter.

The Show is sold out. Starting next month there will be a Show table at each Membership Meeting. There will be a sign-up sheet for Members to volunteer for the Show. Matthew and Carol Lybanon talked about the new sponsorship program. They asked Members to join in the effort to raise money for the Show. They distributed packets that contain sponsor applications at the \$100 and \$25 levels along with an information sheet.

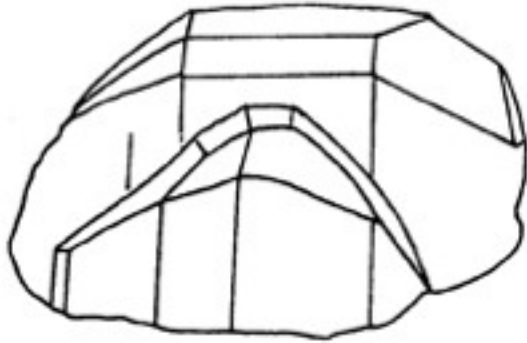
The following people presented their displays: Adult--Sharon Drungell, Pam Gurley, Charles C. Hill, Bill Gilbert. Junior--John Hare. In the later voting, the winners were: Adult--Charles Hill, Junior--John Hare.

Paul Sides briefly reviewed the program schedule for the next several months. Then he introduced Ron Brister, who gave an interesting presentation on Coon Creek.

The meeting was adjourned at 9:00 P. M.

PERIDOT

OLIVINE



Olivine is a silicate mineral that contains iron and magnesium. It is one of the most common minerals on Earth and is even found on the moon and in meteorites. It forms in dark igneous rock like basalt.

Gem quality olivine is called *peridot*. Even though olivine is very common, gem quality olivine is rarer. It is grass green. The more desired peridot gems are darker green. Peridot is the birthstone for the month of August. Peridot is found in a type

of meteorite known as *Pallasite meteorites*. It is, in fact, the only gemstone found in meteorites!

TANZANITE

ZOISITE

Tanzanite is a deep blue to purple variety of the mineral *zoisite*. This gemstone is one of the most recent gemstone discoveries. It was first discovered in 1967 in the country of Tanzania, from which it gets its name. Tanzanite has quickly become a very popular gemstone.

Some gems change color depending on how they are held in the light. This is a property called *pleochroism*. Most gems display two colors. Zoisite, however, displays *three* different colors depending on how it is held in the light. The color changes from blue, light purple and deep red. Because it shows three colors, it is described as being *trichroic*.



The main purpose of Memphis Archaeological and Geological Society is to promote and advance the knowledge of the Lapidary Sciences in the mining, identification, cutting, polishing and mounting of gems, minerals and fossils to the utmost of our geological and lapidary capabilities.

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Editor: Mike Baldwin, 367 North Main Street, Collierville, TN 38017

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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: \$25 (Family); \$20 (Single); \$10 (Junior)

CENTRAL ARKANSAS ANNUAL SWAP MEET

The Central Arkansas Rock, Gem and Mineral Club of Little Rock is having the 2010 annual swap meet on **April 17** this year at **Burns Park in N. Little Rock**. We would like to invite MAGS members to attend. The idea is to try and get rockhounds from all over the area to come together for fun, trading, and great fellowship. We would like to promote more joint gatherings in the future for swaps, field trips or whatever.

There is no charge to attend or set up a table for trading or selling. There is a large covered area with picnic tables and also more space in the parking lot for those who want to tailgate. Indoor restrooms are next to the location along with a playground for children. Snacks and drinks will be available. Bring something to trade or just come to look around and meet other rockhounds, you are sure to have a great time.

The swap is from 8 AM till darkthirty or when we just can't stand any more fun.

Take exit 150 (Military Drive) from Interstate 40 and go north ¼ mile and take the first left and go about ¼ mile to the end of the road. The swap is at the Elder Johnson Pavilion just past the park visitor center. There are signs with maps located along the roads.

MAGS Rockhound News
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367 North Main Street
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