

Tips *and* Trips



The Georgia Mineral Society

Atlanta, Georgia Volume XXXVI/Two

February 2007

President's Message

Another show is over and, for December, it was the last one. Teresa and Perry Curl began working on advertising part way through the year and Richard Hightower took over at the end. Set up and take down went very smoothly. There was some concern about the dealer dinner. A bus caught fire on I-85. The interstate was closed. Some members who promised to bring food could not get there. The tables looked a little bare compared to previous dinners but all of the dealers and members had plenty to eat with some food left over. I thank Joan White and her staff for all of their work.

There was a small crowd waiting when the doors opened on Friday morning. Nancy Marden and her crew opened the hospitality table. They helped visitors locate dealers, signed up new members and handed out the door prizes. Margaret Ronan arranged for demonstrations. There was usually a member showing the public how to make jewelry, how to facet, or showing thumbnails or micromounts. Jay Gorday was in charge of exhibits. I congratulate Jay for coming in second place and Lizabeth and Mickey McClain for getting first place. The exhibits were some of the best that we have had.

The auction on Saturday afternoon was busy. We had some of the most heated bidding ever, especially with the juniors. I appreciate Mary and Dylan Porter for keeping track of the bids and I thank everyone who helped to set up the auction and disperse the lots afterward.

Anita Westlake worked hard on signing up dealers. We had several new faces. There was a great balance of minerals, fossils and jewelry. Even while the show was in operation, there were dealers wanting to get in. It doesn't seem like a big deal to most people, but keeping track of all of the names of people who came to past shows is a big deal. Joan White entered all of the names into the computer database and eliminated the duplicate names to provide a listing for the mailing of our postcards a few weeks prior to the show. Jay Gorday had name tags ready for each dealer and their staff. As I have said in the past, few people realize what an effort it is to put on a gem show.

I thank everyone who helped out.

Even though GMS will have only one show in the future, there will still be a show in December at the North Atlanta Trade Center. Richard Hightower is a GMS member. Stones and Bones is his business. The December show has usually been his best show. Richard will continue to operate the show. I wish him great success in his endeavor.

Lastly, I wish to thank the North Atlanta Trade Center. We have worked together for many years. Dave Work and his staff were always very helpful.

*Thank you,
Kim Cochran,
President*



General Meeting
7:30 PM Monday, February 5, 2006
Chamblee Library
4114 Clairmont Road
770.936.1380

Patrick Perus, President of POLYCOR US and owner of Georgia Marble, graduated from a leading French engineering school and the Graduate School of Business at the University of Chicago. After holding various management positions in Steel and Mining International Groups in Asia and Europe, he's been presiding over the re-engineering and development of a 120 year old company in the North Georgia Mountains: Georgia Marble. Georgia Marble employs 80 people and supplies marble products for the construction industry and the Veterans Administration. Its most famous references, among many others, are The Lincoln Statue in the Lincoln Memorial, the East Entrance of the US Capitol.... and the Emory University campus in Atlanta.

We are pleased to have Patrick join us, and we look forward to a stimulating history of Georgia Marble and the industry in general.

*Anita D. Westlake,
Vice President, Programs*



The Georgia Mineral Society, Inc.
 A Non-Profit Educational Organization
 Seventy Years of Tradition
 Objective and Purpose
 To Educate the Youth of the State
 and the Members of this Society
 In the Field of Earth Science



AFMS Education - All American Club 2003

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Adopt-A-Highway	Bill Waggener	770.478.5734
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Awards	Joan White	770.478.5734
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Facilities	Open to Volunteers	
Historian	Roxanne Lopez	770.436.0387
Hospitality	Margaret Ronan	404.636.0720
Librarian	Julian C. Gray	770.888.9331
Parliamentarian	Joan White	770.478.5734
Refreshments	Kim Prakash & Nancy Marden	770.879.0476 770.447.8542
Special Events	Kim Cochran	770.979.8331
Sunshine	Barbara Libby	770.978.2117
Telephone	George Libby	770.978.2117
Tips & Trips Labels	Joan White	770.478.5734
SFMS Rep.	Anita Westlake	404.761.7849

The article submittal due date for the March 2007 newsletter is February 15, 2007.

GENERAL MEETINGS
 General meetings are held on the first Monday of each month. In the event that the first Monday is a holiday and/or the facilities are not available, the meeting will be held on the third Monday of the month. General meetings are currently held at the Chamblee Branch of the DeKalb County Library System. Any deviations from the above schedule will be announced in Tips and Trips.

The Georgia Mineral Society on the Internet:
<http://www.gaminerall.org>
 E-mail Early Notification Program: A field trip and club news update service. To join, members are requested to send in their current e-mail address to:
gms@gaminerall.org.

May Show Committee Chairs

Show Chair	Jay Gorday	770.986.0822
Dealer Chair	Martha Brown	770.448.0876
Exhibits	Open to Volunteers	770.986.0822
Demonstrations	Open to Volunteers	
Hospitality	Open to Volunteers	
Treasurer	Dylan Porter	770.998.1018
Advertising	Open to Volunteers	
Dealer Dinner	Joan White	770.478.5734
Database	Joan White	770.478.5734
Auction	Kim Cochran	770.979.8331
Set Up/Take Down	Open to Volunteers	

**January 8, 2007
GMS General Meeting Minutes**



The meeting was called to order at 7:35 PM by President Kim Cochran at the Chamblee Library. Approximately thirty-four people were present, including one visitor and one new member.

SPEAKER

Anita Westlake introduced Tom Robinson from the Elberton Granite Company, a producer of memorial granite, as the evening's speaker. Mr. Robinson began with some history and facts of the granite industry in Elberton including import values from 2001 – 2006. He then showed a short movie on the process of making granite memorials, from mining to polishing and etching. Upon closing, Mr. Robinson announced that a stone expo will be held in March and all are welcome to attend. Anita presented him with a "fishtail selenite" specimen from Chihuahua, Mexico in appreciation for his talk.

COMMITTEE REPORTS (8:21)

Due to a lack of board members for a quorum, Kim Cochran temporarily removed Greg Grieves (field trip co-chair, not present) from the board.

Mary Porter - Secretary – minutes from December meeting available; a motion was made and seconded to dispense with reading of minutes. The motion was passed with 4 opposed.

Dylan Porter – Treasurer – reported a beginning balance of \$40,542.00 and ending balance of \$37,058.00. Please submit any remaining charges for the December show; will have a total of earnings at the January 21 board meeting. We made \$1,500.00 from the auction.

Lizabeth McClain – VP Membership – the year-end membership count is 607, which includes 124 juniors.

Anita Westlake – VP Programs – next month's speaker is Patrick Perus of the Georgia Marble Company.

Julian Gray – Mineral Section – (not present) **Jay Gorday** – next meeting is January 16 at John Trimble's house. Please RSVP for a pizza dinner (6:30 PM); the meeting will start at 7:30 PM and the topic is the mineralogy of Australia.

Kim Cochran – Gem Section – next meeting is January 29th at Kim's with Martha Brown demonstrating bead stringing. Please RSVP for a pizza dinner (6:30 PM); the meeting will start at 7:30PM.

Joan White – Tips & Trips – (not present) **Bill Waggener** – Joan sends her apologies for the lateness of the January newsletter. Please have reports and articles to her by the 10th; original articles are needed.

Bill Waggener – Adopt a Highway – the next date of collection will be April 7 at 9:00 AM in Ballground, GA; this will be the annual egg hunt. Lunch will take place afterwards at Two Brother's BBQ, and Bill wants to coordinate a field trip after lunch; details TBA.

Bill Waggener – Education Chair – minigrant applications for the upcoming school year will be distributed soon; let it be known to earth science and elementary teachers. Georgia may be adjusting graduation requirements to include earth sciences. Anita Westlake will be speaking this Friday at the Birmingham Gem and Mineral club on geo-hazards.

George Libby – Field Trips – Ladd's mountain is closing for future trips; the DMC trip on January 14 is still on. February 10 – Diamond Hill Mine in Antreville, SC. February 24 – Hogg Mine in Troup County, GA (\$15 fee); there will be a port-a-potty and BBQ available.

Jay Gorday - May Show – dealer contracts are being mailed out; volunteers are needed for newspaper advertising, demos, and exhibits.

Nancy Marden – Refreshments – provided by Eva Ostrofsky. There is a sign up sheet for this year's volunteers.

Kim Cochran – Special Events - he will be contacting Grimes Bridge Park in the near future to set up the June annual picnic.

Barbara Libby –Sunshine Chair – (not present) **George Libby** – Barbara received a card from Barbie Mitchell regarding her mother's death. Henry Hyaduck had gallbladder surgery. Bill Waggener announced that Hilda Dalton has died.

Kim Cochran – Assets & Equipment – announced that Barbara Libby has been appointed as the new chairperson. She will keep an inventory for the club.

Kim Cochran – SFMS Stamp Program – conducted a drawing for the scholarship that the club won at the last SFMS meeting. All members that have contributed stamps in the past year were entered; Olin Banks was the winner.

Show & Tell – Marcella Wood brought a stone carving.

OLD BUSINESS

Kim Cochran – a board meeting will be held on January 21 at Kim's house; all members are welcome. Lunch will be at 1:00 PM (RSVP); the meeting will start at 2:00PM.

NEW BUSINESS

None

DOOR PRIZES (8:46) – **Margaret Ronan** – Lizabeth McClain and Kim Cochran were recognized for providing door prizes; numbers were called.

A motion was made to adjourn meeting at 8:56PM. It was seconded, and unanimously approved.

*Respectfully submitted,
Mary Porter,
Secretary*

May Show News

It's hard to believe that the May Show is just around the corner. Martha Brown has already mailed out all the contracts out to the dealers. The contract for the Cobb County Civic Center is signed and the other forms and floor plan are due the first part of April. I will be handling the publicity in the rock magazines and web sites to include our information in their calendars. Perry Curl has done this for a number of years for us and we thank him for all his effort.

Most of the Show Committee Chairs have been filled, but I need someone to take over the advertising. Teresa Curl handled this for us for many years and did a fine job, but distance and school have made it necessary for her to pass the task along to another person. Let me know if you are willing to take over this task. I will be filling out the rest of the show committee positions this month, so if there is a spot you would like to volunteer for, let me know. There are plenty of opportunities for members to volunteer even if you do not want to be a Committee Chair. You can volunteer to help one of the committees by calling the Committee Chair or you can let me know.

It's also time to start thinking about putting in a display case or giving a demonstration at the show. A display or demonstration is a good way of introducing/sharing our hobby with our visitors at the show.

Jay Gorday,
May Show Chair



**Weinman Mineral Museum
Calendar of Events**

**SPECIAL EVENTS
RockFest!**

NEW DATE - Saturday, May 5, 2007
Free Admission

It is never too early to start planning for the Weinman's famous RockFest! Join us for a fun family day as we explore the museum grounds for rare and beautiful treasures. Activities on this day include visiting with over 40 vendors, free panning for gemstones, a sale in the gift shop, demonstrations, and free mineral and fossil ID.

COOKIES and COKE LEARNING SERIES

Thursday, February 1, 2007
Exhibit Preview

*Practicing Resurrection: Commentary and Antidote for the
Throwaway Culture We Call Home*
Cyndi Gusler

6:30 PM refreshments, 7:00 PM preview

Interested in learning what to do with everyday objects that generally get thrown away? One artist has the solution! Cyndi Gusler has a unique way of reassembling them into a conglomerate of art that resembles mineral

specimens. You are invited this evening to get a look at some of these interesting ways and be among the first to preview the Weinman's latest temporary exhibit, *Conglomerate*.

Thursday, March 1, 2007

Pennsylvanian Plant Fossils of Northwest Georgia
Jose Santamaria

6:30 PM refreshments, 7:00 PM lecture

Northwest Georgia's Paleozoic sedimentary rocks host many fossils from Cambrian through Pennsylvanian (late Carboniferous) time. Black shale in waste dumps near abandoned coal mines yield Pennsylvanian plant fossils including ferns, cycads and conifers. Visit us on this night and learn more about the amazing geology of this part of Georgia.

ROCKN' SATURDAYS

Saturday, January 27, 2007
12 noon - 2 PM

Come and pan for **Gold** with Rob Kelly and the experts. \$20 (\$12 for members) provides admission, instructions and a kit that includes a top grade pan, tools and your own gold flakes, guaranteed! *Participation is limited to 25 so make your reservations now.*

Saturday, February 24, 2007
12 noon - 2 PM

free with paid admission to the museum

Bring your recycled soda cans and make your own functional art! The properties of aluminum are perfect for the art of crafting. This soft lightweight metal can be easily cut and bent into shapes to create beautiful decorations for your home. We will have patterns available for seasonal decorations; bring 8 green aluminum soda cans to create shamrocks to fill a leprechaun hat, make a few rosebuds, or a green luminary.

**TEMPORARY EXHIBIT
Conglomerate**

February 5 - May 19, 2007

The unique art of Cyndi Gusler will be exhibited in the Weinman Mineral Museum's next temporary exhibit, *Conglomerate*. From a distance each piece of art in the exhibit appears to be a natural mineral formation. When viewed more closely, however, it becomes obvious that each is a conglomerate of colorful everyday objects that have been recycled and reassembled in some very interesting ways.

I-75 Exit 293 at Hwy 411, (770) 386-0576
www.weinmanmuseum.org

Weinman Mineral Museum
PO Box 3663,
Cartersville, Georgia 30120
Ph: 770.386.0576 x401

THE MICROMOUNT CORNER

SPHALERITE

Holiday greetings everyone, as I write this column it is cold and wet outside, the perfect weather to curl up with the microscope, mineral micromounts and some hot tea. I hope everyone had a wonderful and happy holiday.

This month we will examine the mineral sphalerite. Chemically, sphalerite is a zinc/iron sulfide with the chemical formula $(\text{Zn}, \text{Fe})\text{S}$. Sphalerite is a primary ore mineral for zinc and alters readily to hemimorphite, smithsonite, and willemite. Impurities recovered in smelting--gallium, indium, and cadmium--make it also the chief ore of those metals. Sphalerite is a polymorph with two minerals, wurtzite and matraite. The three are called polymorphs, which means they have the same chemistry, $(\text{Zn}, \text{Fe})\text{S}$ or zinc iron sulfide. But they have different structures and therefore different shapes. Sphalerite is the more common mineral of the three. There is also an iron rich variety of sphalerite that is called marmatite. Some pure crystals of sphalerite (little or no iron content) are fashioned into gem stones. However, with a hardness of only 3.5, these cut gems are easily damaged. Most of the gem stones of sphalerite are for display purposes only. Sphalerite occurs in sulfide ore veins under the same conditions as galena with which it is commonly found. And like galena, sphalerite is mined on all the continents of earth. The name sphalerite is from the Greek Sphaleros meaning "misleading". To the early miners the darker varieties of sphalerite looked very similar to the more valuable galena but yielded no lead. In terms of crystallography, sphalerite is isometric, hex tetrahedral, with (43m) symmetry. Tetrahedral crystals are very common, sometimes so completely developed as to look octahedral. Cube, dodecahedron, and tristetrahedron faces also present. Sphalerite crystals also twin easily. The most common type is the spinel twin giving the crystal a "winged" appearance.

One of the challenges for the micromount collector is to collect specimens that reflect varying iron content. When pure (little or no iron), crystals are transparent and vary from red to yellow to amber. Generally speaking, as the iron content increases, the color darkens and the crystals become opaque. Another challenge is to collect the mineral in all its various crystal forms.

Shown at right are some photomicrographs of sphalerite micromounts.

Until next time, may all your skies be blue and all your vugs be crystal filled.

**Dave Babulski,
Micromount Section Chair**

(all photos courtesy of Dave Babulski)



Figure -1 is a gemmy twinned crystal of sphalerite from the Bluffton Stone Co. quarry, Bluffton Township, Ohio. The photomicrograph is at a magnification of 25X and was captured on Kodak ASA 400 color print film with a 4 second exposure. The camera is a Nikon SLR working through a trinocular microscope.



Figure - 2 is a series of gemmy sphalerite crystals from the Commodore Mine near Creede, Colorado. The photomicrograph is at a magnification of 25X.

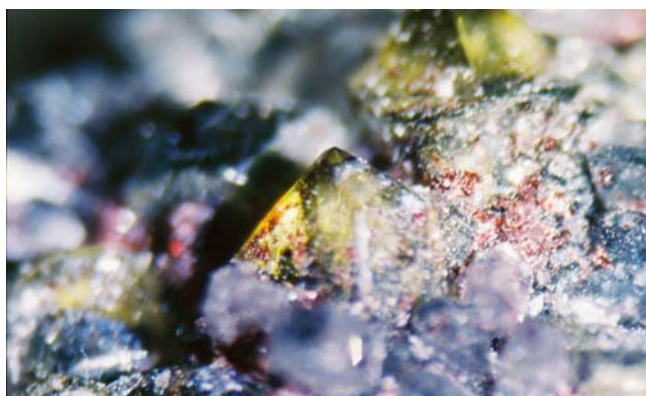


Figure - 3 is a yellow tetragonal crystal of spalerite on quartz from the Commodore Mine near Creede, Colorado. The photomicrograph is at a magnification of 25X.

Education Report

Earth Science Education continues to be supported by our members. Anita Westlake spoke to the Birmingham Gem and Mineral Society about "Geo-hazards" on 12 Jan 07. At the Weinman Museum, she tutored students and teachers about Science Olympiad on 20 Jan 07. Kim Cochran spoke to the NE Georgia Gem and Mineral Society about "Collecting". He also spoke to the Chattanooga Geology Club about "A Brief History of Geology". Mickey McClain and Roxanne Lopez both could probably use support in their classrooms. Ask them what would be helpful.

The Holly Camp Earth Science Education Minigrant 2007/2008 applications are available through our website. The applications are for the next school year. Please encourage all Earth science and elementary teachers that you know to apply for the \$300 Minigrants. Many teachers will now realize what supplies they need and should welcome the money to complete their teaching "bag of tricks."

Please let me know who is sharing their rock and fossil knowledge. Everyone has some unique tidbits that students love to share. It is encouraging to others to see that we are welcomed and well-received by clubs and teachers over the state.

**Bill Waggener,
Education Chair**

Adopt-a-Highway Report

We will gather on 7 April at 9:00 AM in the spring for the annual Easter trash pickup and Easter egg hunt. Please plan on coming out to help keep the Ballground Highway 5 clean and attractive for passing mineral collectors and bikers.

Hope to see you there.

**Bill Waggener,
Adopt-a-Highway Chair**

Membership News

Please join me in welcoming the following new members: Wade, Betty, and Cera Dennis of Oxford, GA; Shar, Mark, Murphy, and Morgan Mallory and "Aunt Doe" Doreen Pool of Lilburn, GA; Paula J. Pierce of Jacksonville, FL; and Eric and Lynda Sermon of Taylorville, GA. I hope you will introduce yourself to them when you see them at a meeting or on a field trip. We're glad to have them join us.

Please remember to send in an application with your renewal check. That makes it much easier for me to note changes in your information. Believe me; any assistance you can give me will be much appreciated.

Happy rockhounding!

**Lizabeth McClain
Executive VP/Membership**

Gem Section News



Meeting:
Monday, February 26, 2007, 7:30 PM
Kim Cochran's house
2695 Van Court
Snellville, GA 30078

I wish to thank Martha Brown for her demonstration of bead stringing at the January Gem Section meeting. Everyone paid close attention. I was especially interested because everyone who has demonstrated in the past did it right-handed. Martha and I are left-handed so it was great for me to see it.

At the February meeting, Barbara Libby will demonstrate chain making using jump rings. If you wish to make a jump ring bracelet, please bring the following items: jump rings, 6 mm (200 to complete the item); flat square pliers. To make things easier, you may want to include: a short piece of dowel with a flat screw in the end; a padded easel; a large needle and heavy thread; and a key ring wire.

Supper will be served at 6:30 PM. RSVP—770-979-8331.

**Kim Cochran,
Gem Section Chair**

Junior Section News

Junior Field Trip
February 24, 2007
Saturday 10 A.M.

Consolidated Gold Mines
<http://www.consolidatedgoldmine.com/aboutus.asp?ID=8>
185
Consolidated Gold Mine Rd
Dahlonega, GA 30533
706-864-8473

Consolidated Gold Mines offer underground tours of a hardrock gold mine and gold panning. It is \$11 per adult and \$7 per junior. The tours of the mine as it appeared at the "turn of the century" include:

- Displays and discussion of the actual equipment being used at the turn of the century.
 - Introduction to the geology of the gold belt including the quartz and pyrite formation which early miners were working at the turn of the century.
 - Walk through the massive tunnel network, complete with the original track system.
 - Discussion of engineering and mining techniques utilized by the early miners.
- FREE Sampler Pan included with each paid tour admission!

Please call me to make sure I have a reservation for you. Both juniors and adults may attend.

**Roxanne Lopez,
Junior Section Chair
Home: 770-436-0387, Cell: 678-491-7175**

Sunshine News

Fossil Section News

FEBRUARY 2007 BIRTHDAYS

- 2/1 Claudia Pratt
- 2/4 Larry Flinn
- 2/5 Gracia Evins
- 2/5 Cathleen Orthwein
- 2/7 Randy White
- 2/8 Betty Dennis
- 2/10 Tiffany Prorise
- 2/11 Mary Clark
- 2/12 Noel Leitzman
- 2/13 Jimmy Herbert
- 2/18 Randy Alexander
- 2/21 Karen Palomo
- 2/21 Steven Rogers
- 2/22 Wade Dennis
- 2/22 Rachel McDermott
- 2/23 George Kremer
- 2/24 Terry Bennekou
- 2/24 Mark Mallory
- 2/28 Leah Palomo



FEBRUARY 2007 ANNIVERSARIES

- 2/14 Jeanette and Olin Banks

Harry Hyaduck called me with an update. He had his gallbladder removed because of many gallstones and he now has a clean bill of health.

Please send information on news you would like to share with GMS. My email address is angelonsite@bellsouth.net. Thanks. You are all in my prayers, be well and you will hear from me next month.

Everybody have SUNSHINE in your life.

**Barbara Libby,
Sunshine Chair**

Mineral Section News

Many thanks to John Trimble for hosting the January meeting!! There will be no meeting of the mineral section in February. Details of the next meeting will be announced in upcoming Tips and Trips and on the GMS web page. If you would like to host a meeting at your home or have an idea for a presentation at a future meeting, please contact me!

**Thank you!
Julian C. Gray,
Mineral Section Chair**

DATE: February 20, 2007
 TIME: 7:30 PM
 LOCATION: Harry Yingst's Home
 3412 Greenfield Dr., Marietta, GA 30068
 PHONE: 404/252-0550 For directions & RSVP to the
 Yingst's home



February's meeting will be on Eocene fossils by Gary Leonard. Gary has graciously consented to present the program. He has a wonderful collection of fossils organized by location.

Please bring your fossilized specimens also to show and discuss.

**Martha Brown,
Fossil Section Chair,
770-448-0876**

Micromount Section News

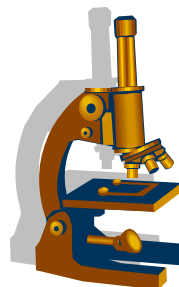
The Georgia Mineral Society Micromount Section will meet at the home of David Babulski, 2677 Colony Circle, Snellville, Georgia on February 10, 2006 at 10AM to 4 PM. A light lunch will be served to those attending. Please RSVP if you will be attending. Bring your microscope and specimens to share.

In the future, the micromount section will be meeting on a regular schedule. The meetings will be held at my home at 2677 Colony Circle, Snellville, Georgia 30078. The meetings will be held on the second Saturday of each month alternating with the mineral section. The meetings will run from 10 AM to about 4 PM. A light lunch will be served to all those that attend. Table space will be set-up for microscopes.

The 2007 Micromount Section meeting schedule is as follows: Feburary 10, April 14, June 9, August 11 and October 13.

If you need directions to my home, please contact me via e-mail at: d.babulski@comcast.net

**Dave Babulski,
Micromount Section Chair**
 2677 Colony Circle
 Snellville, GA 30078
d.babulski@comcast.net
 678-580-2475



February 2007

The Georgia Mineral Society

Ladd's Mountain DMC Field Trip Report

Sunday January 14th was a beautiful day to be outside in Georgia. The temperature was perfect and we even had some sunshine instead of the originally predicted rain. We had 73 folks show up for the trip, including a good group of children. This was also the first field trip experience for many of the participants.

We had a really great group of folks. We had folks turn out from Alabama, North Carolina, Tennessee and even Georgia! I gave a rather stern safety talk before the trip and everyone abided by the rules, signed in and out, stayed in the area we were allowed to dig in and parked where we were supposed to park. I would like to thank everyone for being on their best behavior.

We only had one injury which was self-inflicted with a hammer. Rock collecting can be a dangerous sport. Something takes away your attention at an inopportune moment, you take your eye off the ball and whack!!! Luckily, the Cobb club had a professional nurse on staff at the site assisting the field trip leader. She bandaged the wound and convinced the injured party that their day was over and a trip to the emergency room for a few stitches was in order. Thank you, Ms. Siekierski, for your help.

While there were several dry holes dug, at the end of the day there was almost a ton of material left on the ground and several tons had been happily stowed safely away in folks cars for the trip home. There were several nice stalactites and stalagmites found as well as some excellent flowstone formations. I saw my first dolomite crystal dug at Ladd's. It was nice and clear. We also had a very nice piece of jasper found to go with the flint/chert nodules and one happy trekker was collecting antique bricks from the old rock crushing plant that used to be on the site when it was an active quarry. I also collected at the end of the day a 3 foot crow bar and a very nice new chisel which some happy digger is welcome to claim. E-mail me at jim.haege@chart-ind.com or call me at 770-689-9376. The one thing I did not collect was any garbage from our participants. I picked up about a half a bucket full from along the road in the parking area on my way out, but it all was most certainly on the ground when we got there. It was a great day, an excellent trip and everyone came away with plenty of onyx. Thank y'all for coming.

Please be aware that this site is posted and not available for return trips at this time. I will let everyone know when I get the final word from the county on letting us visit again. Please do not visit the site or attempt to set up a trip until then.

Thanks,
Jim Haege,
Field Trip Chair
Cobb County Gem and Mineral Society
(Marietta, Ga.)



Bacon anyone?



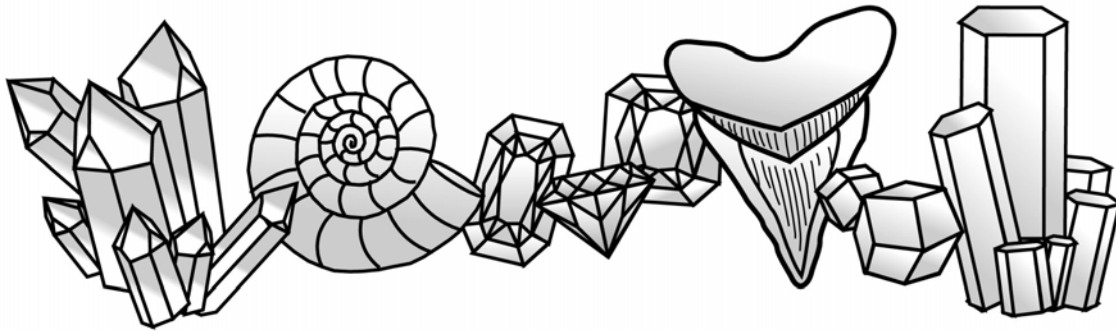
John and Sharon with a yard rock



Jim at work – I want some also
(all photos courtesy of Jay Gorday)

Rome Georgia Mineral Society
a Non-Profit Educational Organization

30th Annual Valley and Ridge Gem and Mineral Show



Free Admission!

*Minerals, Gems, Fossils, Jewelry, Crystals,
Demonstrations, Door Prizes and Exhibits!*

March 16, 17 and 18, 2007

Fri & Sat 10:00 a.m. - 6:00 p.m., Sun 1:00 - 5:00 p.m.

**Chapel Hill United Methodist Church
1818 Kingston Rd. (at the Bypass)
Rome, Georgia, U.S.A.**

Directions: From the Rome Bypass (GA Loop 1), turn East on to Kingston Rd. (Hwy 293), drive a few hundred yards and turn right into the show at Chapel Hill United Methodist Church. The mineral show will be in the gym past the parking lot.

For Show Information: Tim Biggart, Show Chair
706.232.7143 * tbiggart@berry.edu

For Dealer Information: Bob Madden, Dealer Chair
706.295.3912 * 706.295.7320 * rjmcanoe@aol.com

**DMC Program of the SFMS Field Trip Committee
An Official Field Trip of The Cotton Indian Gem and
Mineral Society (HOST)**

**An Official Field Trip of the GEORGIA MINERAL
SOCIETY**

**Saturday April 21, 2007
Girard, Burke County, GA
10:00 AM**

"Savannah River Agate"

WHERE: The River road outside of Girard, GA.

WHEN: Saturday April 21, 2007

**TIME: 10:00 A.M. at the Girard city Post Office on Hwy.
23**

Children: Children are welcome but need to be supervised as we will be hunting on a dirt road.

Pets: Same as above.

Trip: Beautiful Savannah River Agate has been collected at this location for years. I have been told that there is as much material here today as there ever was.

Collecting: We will be collecting Savannah River Agate, fossils and micro minerals. This material is actually a conglomeration of agate, jasper, chert, and opalite all mixed together to form a layered specimen that will tumble or cab into beautiful display pieces. This rock occurs as black and brown mottled agate and in a large range of pastel colors from greens to yellows to violets. The fossils you may find are from 30-35 million years old Oligocene age deposits. The micro minerals are located in vugs of the agate/chert rock.

Special Conditions: We will be hunting in the roadway and road cuts only. Do Not leave the road cuts. Please stay off of private property.

Bring: You will need to bring a rock hammer and scratching tool to collect the agate. You can dig if you want but make sure you fill in your holes after your finished. If you plan to look for microminerals by busting the larger agate/chert specimens, you will also need some chisels and a sledge. More importantly you NEED eye protection (face shield would be best) and long heavy pants as this agate can act like shrapnel when cracked with a rock hammer or sledge! As always, bring your lunch, plenty of fluids, some bug spray, sun screen, a hat, gloves, sturdy shoes and lots of 5 gal. Buckets (Trust me - you will need them!).

Where to meet: We will meet at the Girard city Post Office on Hwy. 23.

Directions: From I-20 take Hwy. 520 (west of Augusta) south to Hwy. 56 and travel south. Go through McBean (do not take Hwy. 56 Spur). Turn left on Hwy. 23 to Girard and meet at the Post Office at 10 AM.

Drive time: From Atlanta 3 to 3 1/2 hours.

Contact:
Harry Hyaduck 678-464-4462 email,
hyaduckh@yahoo.com

or
Kim Cochran 770-979-8331
Need more directions, call Kim Cochran

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**GMS February Field Trip
Diamond Hill Mine
Antreville, South Carolina
February 10th, 2007
9:00 AM
(Fee Site)**

The Diamond Hill Mine has been producing skeletal, amethyst and smoky quartz crystals as well as quartz scepters and an assortment of pegmatite minerals for many years.

FEE: \$15.00 a person. Children under 16 are \$6.00. Everyone attending will have to sign a release wavier.

WHEN: Saturday, February 10, 2007. We meet at 9 AM.

BRING: You will need to bring a pick and shovel as well as hard rock tools and safety glasses. Be sure and bring plenty of newspaper to wrap your finds in. A lot of the quartz has iron-staining on it. Frequently the stains vary in color from face to face on the crystals and make for very attractive specimens AS LONG AS YOU DON'T DING THEM UP! Lunch, bug spray, some sun protection, and don't forget some good shoes or boots.

Directions: We will meet at the mine at 9:00 AM. Take Interstate 85 to exit 19A in South Carolina. Exit and go south on Highway 76/28 a short distance and the highways will split. Stay on highway 28 south to Antreville. There is a big church at the intersection of Highway 284 and Highway 28, 1/2 mile south of Antreville. Turn right onto 284 and go 2.3 miles and take a right on Suber Road, SC road S-01-508. Be careful not to turn into the folks' driveway just before the road here. Go seven tenths of a mile and you will see on your right a gravel road, Diamond Mine Road, SC road S-1-538. Turn right and go half a mile and the mine entrance will be on your right.

Contact
**George Libby @770-978-2117,
Field Trip Chair
Onsiteinatlanta@yahoo.com**

The Georgia Mineral Society

February 2007

DMC Program of the SFMS Field Trip Committee
An Official Field Trip of The KYANA Geological Society
(Louisville, KY) (HOST)
An Official Field Trip of the GEORGIA MINERAL
SOCIETY

Saturday and Sunday, March 17 & 18, 2007
Hickory Cane Mines, Marion, Kentucky

FEE SITE

WHERE: The Hickory Cane Mines outside of Marion, Kentucky

WHEN: Sat. and Sun., March 17 & 18, 2007

TIME: Day and night digs.

COLLECTING: Fluorite, smithsonite, sphalerite, cerussite, galena, hemimorphite, hydrozincite, quartz, & pyromorphite. Calcite is by far the most common mineral found, and all other minerals require some digging in the dump to locate.

FEE: The day time digs will cost \$20 and the night time digs will be \$30 (this entitles you to one five gallon bucket of specimens). Admission to the Ben Clement Fluorite Museum is \$ 5.

All reservations for the digs will be handled through the Ben E. Clement Mineral Museum at www.MarionKentucky.us. Or call 270-965-9257, or write Ben E. Clement Mineral Museum, 205 North Walker Street, Marion, Kentucky 42064. Information on campgrounds, lodging, and bed and breakfasts can also be obtained from Clement Mineral Museum.

In order to fill any vacancies in the scheduled digs, left by the SFMS, after March 1, 2007 these vacancies will be open to KYANA members and any other rock hound who wishes to join the dig. While the primary purpose of this trip is to accommodate SFMS members, the secondary purpose is to help the Ben E. Clement Mineral Museum fund its efforts in maintaining a world class fluorite collection and making it available to the public.

WHAT TO BRING: Other than standard collecting equipment, bring plenty of water, snacks, camera, and you will need a portable ultraviolet light. Daytime collectors will need a way to check fluorescence too! Black light boxes or whatever suits you. Night time collectors will need a standard flashlight to travel to and from their cars. The time of the month was chosen because it is the dark of the moon! Short wave and broad spectrum ultraviolet lights are best. Most collectors will share their lights, but do not count on it, after all someone will need to bring a light.

Although, the temperatures have been unseasonably warm thus far, March can occasionally be quite brisk in the Ohio Valley. So be prepared to dress warmly, multiple layers works best.

MINE HISTORY: The mines where the dig is to be conducted are located on the Commodore fault system and date back to 1901. Mine shafts on the property have produced fluorite, smithsonite and sphalerite. Other minerals that have been found in the mine dumps include; cerussite, galena, hemimorphite, hydrozincite, quartz, & pyromorphite. Calcite is by far the most common mineral found, and all other minerals require some digging in the dump to locate.

The Rock Shaft dump comprises most of the material at this mine site. The Rock shaft was completed to the depth of 240 feet. From 1924-25 some 8,000 tons of smithsonite was removed from the Rock Shaft. The Maddox shaft sunk in 1941-42 was completed to remove approximately 215 tons of "gravel spar" (fluorite). A crosscut was made from the Maddox shaft to the Commodore Fault and in 1945 a vertical raise was cut up through the Commodore Fault zone. This raise is known as the Yandell shaft. Mud, gouge, calcite, fragments of fluorite veins, sphalerite and galena were noted (R. Trace, 1954). There is an open shaft on the site which is surrounded by barbed wire.

The most common fluorescent mineral is calcite which glows a soft to bright pearly white. There are other colors other than white, but they are fewer in number. Of particular note are specimens of sandstone which glow a coral pink to a bright red in either short wave or broad spectrum ultraviolet light. There are also specimens which glow various shades of pale yellow and bright blue. Please note: that included in the spoil are fragments of mortar and concrete which will also fluoresce. The concrete and mortar was made from rock from the mine.

Charles Oldham a retired professional geologist from the Kentucky Department for Surface Mining with over 30 years of mining experience will be your KYANA host, along with his sidekick Betty Hansel and as many KYANA members as we can carry. Charles has been collecting minerals and fossils for over 50 years, starting at the age of five, when his father gave him a "gold ore" specimen from California. In later years his father (a retired naval engineering officer) asked Charles why he became a geologist and not an engineer. Charles replied you should have given me a micrometer and not a rock!

DMC CONTACT:

Charles Oldham, 502-241-8755

CrystalCottage@aol.com

February 2007

The Georgia Mineral Society

**DMC Program of the SFMS Field Trip Committee
An Official Field Trip of The Mid-Georgia Gem &
Mineral Society, Macon, GA (HOST)
An Official Field Trip of the GEORGIA MINERAL
SOCIETY**

10:00 AM EST

Saturday, February 24, 2007

Hogg Mine, Troup County, Georgia

FEE SITE

WHERE: The Famous Hogg Mine outside LaGrange, in Troup County, GA

WHEN: Saturday, February 24, 2007

TIME: 10:00 AM - 4:00 PM EST

COLLECTING: Rose quartz, tourmaline, beryl, mica books, & quartz crystal. The Rose Quartz will star if cut correctly, and some of the beryl can be gemmy [Aquamarine](#).

DIRECTIONS: From Atlanta, take I-85 south to LaGrange. Get off on Hwy. 219 also Whitesville Road (Exit 13) and go south (left) about 2.2 miles from I-85. We will be meeting at Smith's Corner Store (The Citgo on the Left) at the intersection at Whitesville Rd. and Bartley Rd. From Carrollton, take Hwy 27 S. (past Wal-Mart). Go thru Franklin to LaGrange. Just stay straight and Hwy 27 dumps into Hwy 219. Take Hwy 219 south and cross I-85. Allow 1 hour & 15 min from Atlanta at I-285 and I-85 connection on the South side.

FEE: Adults-\$15 & children under 17 are free. Upon arrival you will be required to sign a waiver of liability.

WHAT TO BRING: Pick, shovel, rock hammer, chisels, scratching tools, screen, buckets and of course plenty of water. [Big-Uns Barbecue](#) will smoke a pig on-site and barbecue plates and drinks will be available for a nominal charge. There is a Port-a- Potty on site. JXR T-shirts, field trip guidebooks, and specimens will also be available for sale. We have been lucky and had beautiful, clear and even warm weather in Feb. but extra clothes and boots might be useful if it's muddy or the weather turns. There are roads and paths. Cliffs, ditches and new pits have been dug. There is loose material under the leaves that take little effort to recover. Using a rake to push back the leaves might be useful and a crack hammer will help to find tourmaline imbedded in quartz.

WHERE TO STAY: Days Inn, the address is 2606 Whitesville Rd., LaGrange, GA 30240 (also Hwy 219). It's exit 13 off of I-85. Phone 706-882-8881 for reservations. Also at exit 18 (Hwy 109) on I-85 there are many hotels and restaurants. Hotels; Holiday Inn Express, Americahost, Jameson Inn, and Comfort Inn. Restaurants; Applebees, Crackerbarrel, Wafflehouse, and more. The Hogg Mine was purchased by a man who planned to build homes on it. Fortunately for us, Rodney Moore was able to show this man how important the site is to mineral collectors and acquired permission to manage the site for our enjoyment. Please follow the Code of Ethics to preserve our relationship with our host. For more directions and info on other collecting sites in the area, check out www.dixieuehderals.net and www.dixieuehderals.com/page8.html

Trip Chairman: Jay Batcha ph 478-784-1965. If no answer, leave a message or you can e-mail: rocky1s@cox.net or Tom Batcha ph 678-407-4224. or Cell # 770-757-6510 for the day of the dig if needed.

"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 Field Trip Policies: (DMC Field Trip Sharing Program of the SFMS Field Trip Committee)

All societies which have agreed to host a field trip and join the DMC Field Trip Sharing Program of the SFMS Field Trip Committee will be called an "associated" club. Only associated clubs will be allowed to publish DMC program field trips as their official monthly field trip. (Benefit of membership!)

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.

For **insurance purposes**, all associated clubs **must** publish all DMC program field trips as "officially recognized" field trips of their society. It is required that all persons who attend a DMC program field trip be a member, in good standing, of an SFMS club. Since a family membership covers everyone in a family who can attend, your SFMS club will need all family member names on their membership roll.

All sites visited by the DMC field trip sharing program are **not to be revisited** unless they are on public domain property - road cuts, national forests, etc., or on privately owned land with the owner's permission. This is the quickest way to lose access to a host club's field trip location. Therefore, if an associated club or one of its members breaks this crucial DMC field trip policy, their future DMC program field trip information will be **forfeited!**

Please do not visit a site immediately before a DMC program field trip. Also, do not go to a site ahead of the group on the day of the field trip. Meet and convoy with the rest of the group so that everyone will have equal access to the site.

Do not park your vehicle where it is blocking the road, a gate, or another vehicle.

Always fill in all your holes.

Don't litter.

Never disturb buildings or other facilities at a collecting site.

Only take home what you can reasonably use!

PLEASE keep your vehicle locked at all times!

DMC 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.

"Earth first...we'll collect on the other planets later."

FERNBANK MUSEUM OF NATURAL HISTORY

767 Clifton Rd, NE
Atlanta, GA
404.929.6300



For details on these exhibits, films, and events, please visit our website at www.fernbank.edu/museum or sign up for our broadcast email at

http://www.fernbank.edu/museum/e_news.html.

On Exhibit:

- *Reflections of Culture* (new permanent exhibit)
- Opening February 10: *Lizards and Snakes: Alive!*
- *Still Small Voices*

Upcoming Public Programs:

- **Life after Hurricane Katrina:** Special Lecture by Dr. Victor Ibeanusi, Spelman College, and screening of the IMAX film, *Hurricane on the Bayou*. Wednesday, February 7, 7 PM. \$ 10 members: \$15 nonmembers.
- **Lizards and Snakes: Alive!** Opening Day Celebration. Saturday, February 10, 10 AM—5 PM. Included with Museum admission or membership.
- **Read Across America!** Annual Celebration of Dr. Seuss Birthday. Saturday, March 3, 10 AM—2 PM. Included with Museum admission or membership.

Now Showing in IMAX: (Check our website for special screenings)

- *Deep Sea*
- *Hurricane on the Bayou* (opens January 20)

Martinis and IMAX: Friday evenings, 5:30 PM – 10 PM



**Christine Bean,
GMS Member and
Geologist at Fernbank Natural History
Museum**

PLEASE SEND A MESSAGE

Hi All,

As most of you know, the Bureau of Land Management and the Forestry Service have been closing roads all over the place and we are losing collecting areas.

There are two efforts ongoing that are vital to our future collecting.

First: Most of the environmental groups wish to close roads and trails in the public lands so they can be made into wilderness areas. That means NO VEHICLES. Thus closing of roads is a favorite target to start the process.

However, some of those roads are used by county governments and others for a number of uses. So there has been a full scale effort to assert the claims of existing road and trails from closing. A number of law suits have been started and pressure has been applied to Congress to correct the situation.

Representative Steve Pearce of New Mexico has introduced a bill (HR6298) to protect the public rights of access granted by Congress under the old law R.S. 2477 and further protected by the new law, *The Federal Land Management and Policy Act*. I request that everyone send Representative Pearce a BIG THANK YOU note for his effort. WE are quick to ask for assistance, but often fail to say thank you when our representatives respond. In this case, this bill will be reintroduced into the 110th Congress and we will need the help of a number of representatives and senators to get it passed. By sending a thank you note to Representative Pearce, we give him the means to ask other members to support this bill. PLEASE send a message.

His address is as follows:

The Honorable Steve Pearce
1607 Longworth House Office Building
Washington, D.C. 20515-3102
Fax: (202) 225-9599

Email: <http://www.house.gov/formpearce/email.htm>.

Second: There is an ongoing survey by the Forest Service to identify which roads will remain open and which will be closed. This survey is called the *Travel Management Planning Process*. The Forest Service is asking those that use the forest roads to identify those roads and trails that we use so they can study which should remain open. All others will be closed to vehicle traffic. To my knowledge the process is ongoing in New Mexico, Arizona, and of all places, Connecticut. I suggest you check out the Forest Service in your area and make sure the roads to our collecting sites are covered.

**Thanks for your attention,
Howell Whiting
American Lands Access Association Director
htwdhw@dfn.com
(from an email dated 11/12/06)**

(adapted from the *SFMS Lodestar*, January, 2007)

February 2007

The Georgia Mineral Society

Upcoming Federation Meetings**California Federation**

Lancaster, California
June 15—17, 2007

Eastern Federation

Newark, New Jersey
October 6-7, 2007

Jackson, MS

February 23 - 24, 2008

Midwest Federation

Hosts: Midwest Mineralogical and Lapidary Society
Houghton, Michigan
August 11- 12, 2007

Northwest Federation

Butte, MT
August 3 - 5, 2007

Ontario, OR
June 20 - 26, 2008

Rocky Mountain Federation and AFMS Convention

Hosts: Chaparral Rockhounds
Roswell, NM
June 5 - 10, 2007

Tulsa, OK

October 31 - November 2, 2008

South Central Federation

Arlington, Texas
September 1-2, 2007

Southeast Federation

Location to be Announced: Gulf Coast of Mississippi
November 9-11, 2007

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Upcoming Shows and Events

February 3-4, 2007, Panama City, FL— Panama City Gem & Mineral Society. 16th Annual Show. American Legion Building, Bay County Fairgrounds, 15th Street (Hwy. 98) & Sherman Avenue. 3rd, 9:00 AM-5:00 PM; 4th, 9:00 AM-4:00 PM. Contact Al Zar, 850-763-0109, aquezpie@bellsouth.net.

February 9-11, 2007, Merritt Island, FL—Central Brevard Rock & Gem Club, Inc. 30th Annual Symphony of Gemstones Show. Kiwanis Island Park, 950 Kiwanis

Park Road. 9th, 1:00 PM—6:00 PM; 10th-11th, 10:00 AM—5:00 PM. Contact: Glenda Hartpence, 321-501-4060.

February 16-18, 2007, Treasure Coast Rock & Gem Society. 33rd Annual Gem and Mineral Show. Vero Beach Community Center. 16th, noon-5:00 PM; 17th, 10:00 AM—5:00 PM; 18th, 10:00 AM—4:00 PM. Contact Pedro I. Araoz, 772-231-0005.

February 24-25, 2007, Jackson, MS - Mississippi Gem & Mineral Society. Trade Mart Building, State Fairgrounds, I-55 and High Street. Hours: 24th, 9:00 A.M. - 6:00 P.M. and 25th, 10:00 A.M. - 5:00 P.M. Contact: Betty James at 601.914.6747 or mineralid@jam.rr.com.

March 2-4, Largo, FL - Suncoast Gem and Mineral Society. 37th Annual Gem & Mineral Show and Sale. Minnreg Building-6340, 126th Avenue North. Hours: 2nd & 3rd, 10:00 AM—6:00 PM; 4th, 10:00 AM—5:00 PM. Show Chair: Bill Schmidt, 727.657.0998 or schmidwj@eckerd.edu. Dealer Chair: Sue Black, 727.560.5124 or sueblack@tampabay.rr.com.

March 9-11, 2007, Augusta, GA—Aiken Gem, Mineral, and Fossil Society and the Augusta Gem and Mineral Society. 19th Annual Aiken-Augusta Gem, Mineral and Fossil Show. Julian Smith Casino, 2200 Broad Street. Contact: Shellie T. Newell at 305 Fairway Drive, Graniteville, SC 29829; aa.gmfs@earthlink.net; or www.homestead.com/aikengms.

March 16—18, 2007, Hickory, NC—Catawba Valley Gem & Mineral Club. Annual Unifour Gem, Mineral & Jewelry Show. Hickory Metro Convention Center, Exit 125, south off I—40.

March 16—18, 2007, Rome, GA—30th Annual Valley and Ridge Gem and Mineral Show. Presented by the Rome Georgia Mineral Society on Friday-Sunday March 16-18, 2007. Fri-Sat 10-6, Sun 1-5. Chapel Hill United Methodist Church, Rome GA - Directions: From the Rome Bypass (GA Loop 1), turn East on to Kingston Rd. (Hwy 293), drive a few hundred yards and turn right into the show at Chapel Hill United Methodist Church. The mineral show will be in the gym past the parking lot. For Show Information: Tim Biggart, Show Chair 706.232. 7143 * tbiggart@berry.edu. For Dealer Information: Bob Madden, Dealer Chair 706.295.3912 * 706.295.7320 * rjmcanoe@aol.com

June 2—3, 2007, Birmingham, AL—Alabama Mineral & Lapidary Society. 34th Annual Tannehill Gem, Mineral, Fossil and Jewelry Show. Tannehill Historical State Park. Hours: 9:00 AM—5:00 PM. Contact: Rick Kittinger at rich.kittinger@bellsouth.net or James Carr (publicity) at james@lapidaryclub.com. Check out the website as well at www.lapidaryclub.com.

Editor's News

Thanks to everyone who submitted material for publication in this edition of the Tips and Trips. Most of you are still busy at this time of the year trying to recuperate from the holidays. If possible, take a little time to write an article to share with your fellow members. Writing an original story is an excellent medium to share your knowledge or enthusiasm for collecting.

We have many new members in our club that are very interested in learning more about our hobby or about favorite collecting sites. Possibly some of our more creative members will write some poetry to express their appreciation of the hobby. If a Junior resides in your household, encourage him/her to contribute to the newsletter also. It makes the newsletter much more readable for our members that are no longer able to collect or attend meetings.

To provide a timely newsletter, it is necessary for all submissions to be received in time for publication.

Thank you for all your help and cooperation.

Joan White, Editor

Important Web Sites

Georgia Mineral Society

www.gamineral.org

AFMS and SFMS Websites

The SFMS Newsletter, the **Lodestar**, and AFMS Newsletter are now available for all members to read on line at:

<http://www.amfed.org/sfms> and

www.amfed.org

Friends of Mineralogy

<http://www.friendsofmineralogy.org>

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Questions, comments, suggestions or contributions of articles can be made to Joan White, 9146 Sunset Drive, Jonesboro, Georgia, 30238-4520 or jowhite@bellsouth.net or editor@gamineral.org. Your suggestions are appreciated and solicited.

February 2007

Sun Mon Tue Wed Thu Fri Sat

				1	2	3
4	5 <small>General Meeting</small>	6	7	8	9	10 <small>Micromount Dave Babulski's & Diamond Hill Mine</small>
11	12	13	14 <small>Valentine's Day</small>	15	16	17
18	19	20 <small>Fossil Section Harry Yingst's</small>	21	22	23	24 <small>Junior Field Trip & Hogg Mine</small>
25	26 <small>Gem Section Kim Cochran's</small>	27	28			

THE GEORGIA MINERAL SOCIETY, INC.
P.O. Box 15011
Atlanta, Georgia 30333-5011
www.gamineral.org
MEMBERSHIP APPLICATION

Name: _____ Birthday: month/day _____

Email: _____

Spouse: _____ Birthday: month/day _____

Spouse's email: _____

Children's Names & Birthdays: mo/day/yr (residing at home): _____

Address: _____

City: _____ State: _____ Zip+4: _____

Home Phone(s): _____ Cell Phone(s): _____ Office Phone(s): _____

Occupations: _____

Hobbies, Interests: _____

SPECIAL INTEREST GROUPS AT GMS: (Check all that apply)

Mineral Section

Micromount Section

Fossil Section

Junior Section

Gem Section

Electronic Newsletter

Dues for New Members (Single, Couple, Family) are \$25.00 per Society year. (\$20.00 + \$5.00 Initial Processing Fee)
Renewal Dues are \$20.00 per Society year. (due 12 months from the date of joining and every 12 months thereafter)
Reinstatement Dues (For Expired Membership) are \$25.00 (\$20.00 + \$5.00 Reinstatement Fee).

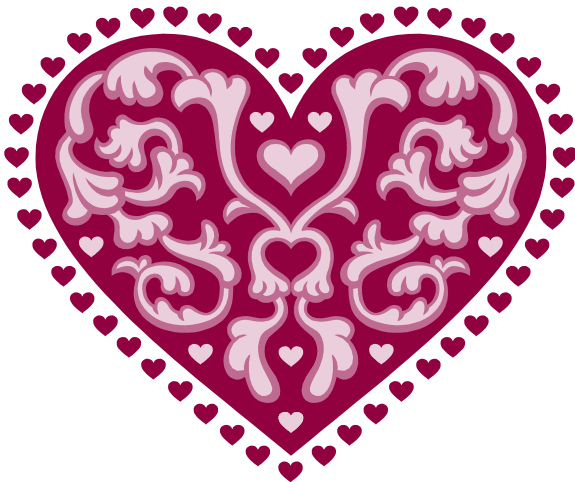
FAMILY MEMBERSHIPS ARE FOR THE IMMEDIATE FAMILY INCLUDING CHILDREN RESIDING WITH PARENTS.
CHILDREN UNDER 18 YEARS OF AGE ARE CONSIDERED JUNIOR MEMBERS.

PLEASE MAKE CHECKS PAYABLE TO THE GEORGIA MINERAL SOCIETY, INC.

THE GEORGIA MINERAL SOCIETY, INC.
P.O. BOX 15011
ATLANTA, GEORGIA 30333 - 5011

ADDRESS CORRECTION REQUESTED
PLEASE FORWARD

FIRST CLASS



Happy Valentine's Day