

# Tips *and* Trips



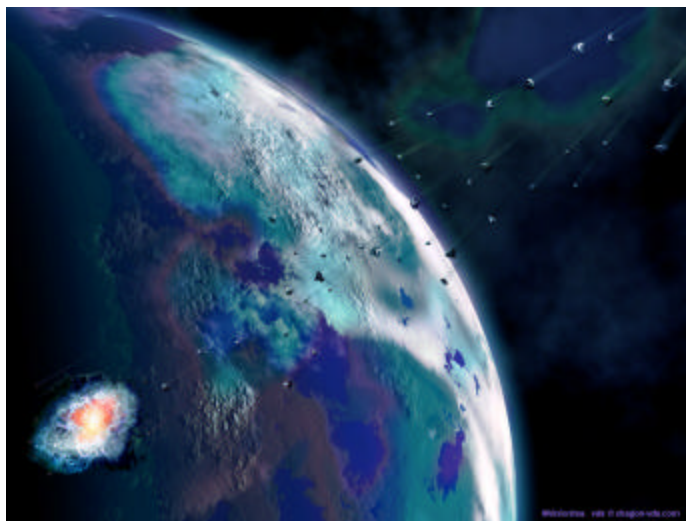
The Georgia Mineral Society

\*Atlanta, Georgia\*

Volume XXXVII/One

January 2008

General Meeting  
7:30 PM Monday, January 7, 2008  
Chamblee Library  
4115 Clairmont Road  
Atlanta, GA 30341  
770.936.1380



January's Meeting: METEORITES!

January's speaker will be talking about a subject that is near and dear to my heart: meteorites! My new best friend, Dave Gheesling will bring part of his amazing personal collection of space rocks as well as pictures, slides, and maybe some video clips of meteors streaking through the sky.

Dave is the CEO of FloorExpo here in Atlanta. He is also President of the Scotty Foundation, a charitable foundation whose mission is to cure childhood cancer. Not too long ago, he became interested in meteorites, joined the International Meteorite Collectors Association, the Meteoritical Society and is the co-founder of the Meteorite

Association of Georgia. He has met Robert Haag from Tucson, affectionately known as "THE Meteorite Man" and has rubbed elbows with some of the well known meteorite enthusiasts in the hobby.

Dave never sleeps. He has (with some help) created two web sites/businesses revolving around this heavenly hobby. Check out [www.fallingstars.com](http://www.fallingstars.com) and [www.asliceofspace.com](http://www.asliceofspace.com) When he's not busy thinking up ways to play with meteorites, he thinking of ways to share them with his friends and the community. He strongly believes in educating children today so they'll grow up to be astronauts and planetary geologists tomorrow.

Come to the January meeting and hold on to your seats. Dave is going to take you on a wild ride.

Anita Westlake,  
Program Chair



Meteorite Specimens found in Georgia

*Past Exhibit from the Weinman Mineral Museum,  
Future home of the TELLUS Museum*



**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



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Building	John Trimble	770.425.5075
Curator/Gem Box	Kim Cochran	770.979.8331
Facilities	<b>Open to Volunteers</b>	
Historian	Roxanne Lopez	770.436.0387
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Librarian	Julian C. Gray	770.888.9331
Parliamentarian	Frank Decamnda	770-992-8309
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
SFMS Rep.	Anita Westlake	404.761.7849

**The article submittal due date for the February 2008 newsletter is January 13, 2008.**

**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.gamineral.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@gamineral.org](mailto:gms@gamineral.org).

**May Show Committee Chairs**

Show Chair	Jay Gorday	770.986.0822
Dealer Chair	Martha Brown	770.448.0876
Exhibits		404.761.7849
Demonstrations		
Hospitality		
Treasurer		
Advertising		
Dealer Dinner		
Database		
Auction		
Set Up/Take Down		

GMS General Meeting  
December 3, 2007  
Chamblee Community Center

Gifts were presented by months of the year.  
Special Announcements: Eva and Irving's grandson is the top youth musician and performed on radio with his clarinet from New York. Also the granddaughter of Jeannette and Olin Banks sang at the 175 year celebration of the Cobb County New Opera House.

Meeting was adjourned at 9:15 PM.

Graciously Submitted,

Margaret Ronan  
Secretary

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Call to order by President Bill Waggener at 7:30 PM. There were 33 people present and new (old) member Ginger Peterson and Pam Martin were recognized as being in attendance.

Committee Reports

Field Trips George Liblick – This Saturday a field trip to Jackson Crossroads and a trip January 19 to Vulcan Quarry.

Membership Lizabeth McClain – We have members.

Secretary Margaret Ronan – Motion was made to read the minutes from the last meeting which was unanimously opposed.

Gem Section - Carl Ziglin has accepted the position as chair person and was referring to a prospective speaker who has a Master's degree in mining from Russia.

Mineral Section – There was a good talk on red and green minerals at Richard's house and some rocks mysteriously appeared in his house after the meeting. In January there will be a meeting at Anita's house on fluorescent minerals.

Fossil Section – There will be an upcoming meeting on the Permian extinction.

Editor Tom Batcha – Thank you for the banner turnout of articles by Dave Babulski, Lizabeth McClain, Kim Cochran, and the Adopt a Highway article and photographs by Mickey McClain. Upcoming Rock Show at the North Atlanta Trade Center Dec. 7, 8, and 9 sponsored by Richard Hightower, admission is free with the flyer in Tips and Trips. Anniston Alabama has an exhibit on T Rex named Sue until January 3, 2008.

May Show Contacts go out next month and there is little to no chance for new dealers to be admitted.

Webmaster Jim Flora has changes to our website and he is very busy.

Education – Mini grants go out next month and teachers are waiting for applications. There is a teachers meeting in Athens.

Sunshine – Barbara Liblick needs cataract surgery and a sleep study.

Special Events – Thanks to Jay for our meeting tonight.

SFMS – We had many articles submitted and we had many awards. At the Biloxi meeting the American Federation was present. Next meeting is in Nashville.

Jay Gorday will be present at the rock show this weekend with his faceting equipment and a presentation about our club.

Old Business: The changes to our by laws as published in the Tips and Trips were unanimously accepted and passed.

Motion was made to eat our Holiday Banquet and was accepted.

Board Meeting

Sunday, January 13th, 2008  
Margaret Ronan's House  
1224 Beech Haven Road  
Atlanta, GA 30324  
404-636-0720

The next board meeting will be held on January 13th at the home of Margaret Ronan. The meeting is open to all members. Please contact Margaret if you plan to attend.

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President's Message

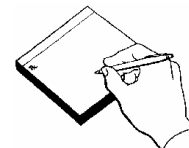
The New Year always brings surprises. Some are anticipated and welcome. Some are anticipated and unwelcome. Some are SURPRISES. Some are AH HAH!!! moments. Some are "roll over and pull the covers over my head" moments. Isn't it nice to be able to look forward to new things? All of the hoorah seems to inflate this time of year in anticipation.

The "new year" actually begins every day. Morning sun is the basic herald of "new." Each day in school brings new ideas, new attitudes (hopefully), and new interactions. Each day at work brings "opportunities" and challenges. Each field trip offers new specimens and new friends. Each GMS meeting brings us together to enjoy and share new experiences.

I wake up every morning wondering what will be new today. I look forward to experiencing each day to the fullest, whatever it may bring. I hope that you do too!

Respectfully submitted,

Bill



Gem Section

Date: Monday January 28, 2008  
Time: 6:00 Dinner, 7:30 meeting



Home of Barbara and George Libby  
1230 Rhett Butler Drive  
Lilburn, Georgia 30047

Phone 770-978-2117 for RSVP and directions.

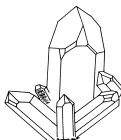
Thanks to Martha and Leroy Brown for hosting the November Gem Section Meeting. A good time was had by all! We made a bit more progress on the peridot necklace for the GMS collection. With some luck, we will have resolved the remaining problems and will complete the project at this next meeting. We will also discuss future programs and activities. Please plan to attend this important meeting in January so we can have your thoughts and suggestions about the 2008 Gem Section!

Carl Ziglin,  
Gem Section Chair

Mineral Section

The next meeting of the Mineral Section will be in January on January 22 (the fourth Tuesday). Anita Westlake will be hosting the meeting at her house in East Point. The topic of the meeting will be fluorescent minerals. Bring your black lights and your fluorescent minerals and join us at 7:30pm. Anita will have supper for those who RSVP for 6:30pm. Anita's address and phone numbers are:

1253 Spencer Avenue  
East Point, GA 30344  
404-761-7849 (home)  
404-727-4066 (work)



Once again, I would like to thank Richard Graveline for hosting the November meeting of the Mineral Section. If you missed the November meeting, you missed an interesting display of Red and Green Minerals.

Jay Gorday  
GMS Mineral Section Chair

Junior Section

Next field trip will be Feb 23.  
The location will be announced in the February Tips & Trips.  
If there are any questions, please contact me.

Roxanne Lopez  
678-491-0489

Fossil Section News

The next meeting will be a meeting by Anita Westlake about the end of the Permian. What happened that day, month, or year(?) to cause the rise of the dinosaurs? Several theory's have been presented. What ever happened during that time is interesting. It was so very long ago. Evidence is very sketchy. Was it a meteor or was it some other natural phenomenon?

We will not have a meeting in December or January. The next meeting will be February 18, 2008. Anita will speak on the day the earth almost died.

I would like to thank the club again for my wonderful gift from the club.

Martha S. Brown -  
770/448-0876  
www.wlb gouva@aol.com



Micromount Section

January 17, 2008  
Brookwood High School  
1255 Dogwood Road  
Snellville, Georgia 30078

Meeting time will be from 6:30 to 8:30 PM. We will all meet in the front lobby of the school at 6:30 PM. The topic for the January meeting will be: "Getting started in mineral micromounting". If you have questions please call Dave Babulski at 678-580-2475.

Dave Babulski  
Micromount Chair



Marcella Wood visiting a fifth grade class of girls at Argyle Elementary School in Cobb County.

MEMBERSHIP

(continued)

Please join me in welcoming our newest members: Cassandra Baker of Sugar Hill, GA; Lisa, Irving, Aaron, and Nathan Barth of Lawrenceville, GA; Ben and Kathaleen Bentkowski of Lawrenceville; Levi Butler of Atlanta, GA; Joanne Capeloto of Atlanta, GA; Sydney Cash of Lilburn, GA; Rick, Barb, Josh, Vanessa, Jocelyn, and Jared Cormier of Loganville, GA; Jonathan Ellingson of Woodstock, GA; Nisha, Shashi, Sonia, and Alisha Goel of Duluth, GA; Nathaniel and Faithe Haeck of Loganville, GA; Heather, Bryan, Gwyn, Gavin, and Gillian Johnson of Powder Springs, GA; Pamela Martin of Lawrenceville, GA; James, Azlyn, Haris, Sarah, and Jasmine Miller of Atlanta, GA; Rebecca Myers of Decatur, GA; Bryant North of Atlanta, GA; Dodie, Jim, and Hunter Parker of Duluth, GA; Ginger Peterson of Kennesaw, GA; Kate Pittman, Burke Mitchell, and Emily Mitchell of Lilburn, GA; Angela Scott of Decatur, GA; Marty Sears of Snellville, GA; Lura Smith of Norcross, GA; Keith and Sue Stephens of Grayson, GA; Richard and Larita Tripp of Ashburn, GA; and David, Kitty, and Flynn Vogt of Decatur, GA.

- 1/28 Flynn Vogt
- 1/29 Conor Blankenship
- 1/30 Grant Pursley

JANUARY ANNIVERSARY

- 1/05 Carolyn and Doug Daniels

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Well another year is down the drain. The older I get the faster they go. I was thinking today about all the things, people and memories I have to be grateful for.

I am grateful for the job of Sunshine so I can tell you how I and we at GMS care about all of you and what is going on in our lives. It also gives me the opportunity to let you know who is in need of prayer because they or one of there family are sick or going in for operations.

By letting you know there is more prayer out there to help them get better, like Anita Westlake who already had a hand operation and is in the process of scheduling a carpal tunnel operation and Frank and Caroline Decaminada grandson who may be facing as much as 2 year with chemotherapy to cure his cancer.

We're happy to have all of you join us!

Happy rockhounding!



Lizabeth McClain  
Executive VP/Membership  
Georgia Mineral Society, Inc.

I am also grateful for, George, my husband's healing as much as he did so he can enjoy rock hunting again and Lewis Eldridge getting out of the VA center and back in his home where he is much happier.

I am grateful for the health of my children, grandchildren, and all my friends, as I know you are of your friends and children.

I am also grateful for living in the south so I do not have to deal with the cold and snow, and I am just enjoying it.

Hope you all had a Happy Hanukkah and a Blessed Christmas and a Happy New Year.

Happy Birthday January Babies.

See you soon,

Barbara Libby  
Sunshine Chair

Please send information on news you would like to share with GMS. My email address is [angelonsite@bellsouth.net](mailto:angelonsite@bellsouth.net).

Sunshine Report

JANUARY BIRTHDAYS

- 1/01 Joyce Lind
- 1/02 Kathy Smart
- 1/03 Michele Endress
- 1/03 H.A. Vas Dias
- 1/09 Alisha Goel
- 1/09 Samantha Marose
- 1/10 Barbara Libby
- 1/12 Deborah Hawkins
- 1/14 Angela Eia
- 1/15 Lisa Barth
- 1/15 Dylan Porter
- 1/15 Katherine Swanson
- 1/16 Tim Cantwell
- 1/18 Alex Haney
- 1/19 Libby Fleck
- 1/21 Darryl Arthur
- 1/22 Joseph Summerour
- 1/23 Daniel Endress
- 1/25 David Denton





## MICROMOUNT CORNER

### ANNABERGITE

One of the more sought after mineral species for micromounters is the mineral annabergite. A member of the arsenate mineral class, annabergite is a hydrated nickel arsenate with the chemical formula  $\text{Ni}_3(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$ . The mineral is named for Annaberg, Saxony, Germany where it was first found. It is a member of a solid solution series with the cobalt bearing end member erythrite. Where annabergite is green, erythrite is rose pink. Annabergite is an alteration product of primary nickel bearing minerals such as the nickel arsenate Niccolite. The bright apple green color, called "nickel bloom" by early miners, was sometimes used as a marker to spot veins of nickel bearing ore. Annabergite typically occurs as green crust-like encrustations on matrix. In some rare cases, such as in the mines at Lavrio, Greece, annabergite occurs in small well-formed crystals in cavities in the host rock. These are the occurrences that are so highly prized by micromounters. Crystal form is Monoclinic prismatic with well-developed 2/m symmetry. (It is interesting that the crystal form of erythrite is exactly the same as that for annabergite) The crystals are flattened on [010], deeply striated on {001} and {010}. Keep in mind that crystals of this mineral are very rare. About the only occurrence that has well developed crystals are from the mining districts of Attica Greece. Care should be observed in handling specimens, as the mineral is very soft with a hardness of only  $1\frac{1}{2}$  to  $2\frac{1}{2}$ .

Shown on the right are photomicrographs of annabergite crystals from Lavrio, Attica Prefecture, Greece.

#### References:

<http://webmineral.com/data/Annabergite.shtml>

<http://www.mindat.org/min-240.html>

Dave Babulski  
Chair Micromount Section



## Call for Speakers

Part of the charter of the Georgia Mineral Society is to educate the youth of our state on the Earth Sciences related to rocks, minerals, fossils and other topics of geology. Below is the second of two articles listing the Earth Science Standards being used in Kindergarten thru 6<sup>th</sup> grade.

If you would be interested in finding out more about the GMS speaker program please contact:  
 Bill Waggener - President/Education Chair  
 email: [wqwaggenerii@bellsouth.net](mailto:wqwaggenerii@bellsouth.net)

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 Earth Science - Content Standards  
 Numbering Format = SxEy  
 x = Grade (K-8)  
 y = standard number

Source: <http://www.georgiastandards.org/>

### S5E1 Students will identify surface features of the Earth caused by constructive and destructive processes.

- a. Identify surface features caused by constructive processes.
- Deposition (deltas, sand dunes, etc.)
  - Earthquakes
  - Volcanoes

#### Faults

- b. Identify and find examples of surface features caused by destructive processes.

- Erosion (water—rivers and oceans, wind)
- Weathering
- Impact of organisms
- Earthquake

#### Volcano

- c. Relate the role of technology and human intervention in the control of constructive and destructive processes.

Examples include, but are not limited to

- Seismological studies
  - Flood control (dams, levees, storm drain management, etc.)
- Beach reclamation (Georgia coastal islands)

### S6E1 Students will explore current scientific views of the universe and how those views evolved.

- a. Relate the Nature of Science to the progression of basic historical scientific theories (geocentric and heliocentric) as they describe our solar system, and the Big Bang as it describes the formation

- b. Describe the position of the solar system in the Milky Way galaxy and the universe.

- c. Compare and contrast the planets in terms of

- Size relative to the earth
- Surface and atmospheric features
- Relative distance from the sun

#### Ability to support life

- d. Explain the motion of objects in the day/night sky in terms of relative position.

- e. Explain that gravity is the force that governs the motion in the solar system.

- f. Describe the characteristics of comets, asteroids, and meteors.

### S6E2 Students will understand the effects of the relative positions of the earth, moon and sun.

- a. Demonstrate the phases of the moon by showing the alignment of the earth, moon, and sun.
- b. Explain the alignment of the earth, moon, and sun during solar and lunar eclipses.
- c. Relate the tilt of the earth to the distribution of sunlight throughout the year and its effect on climate.

### S6E3 Students will recognize the significant role of water in earth processes.

- a. Explain that a large portion of the Earth's surface is water, consisting of oceans, rivers, lakes, underground water, and ice.
- b. Relate various atmospheric conditions to stages of the water cycle.
- c. Describe the composition, location, and subsurface topography of the world's oceans.
- d. Explain the causes of waves, currents, and tides.

### S6E4 Students will understand how the distribution of land and oceans affects climate and weather.

- a. Demonstrate that land and water absorb and lose heat at different rates and explain the resulting effects on weather patterns.
- b. Relate unequal heating of land and water surfaces to form large global wind systems and weather events such as tornados and thunderstorms.
- c. Relate how moisture evaporating from the oceans affects the weather patterns and the weather events such as hurricanes.

### S6E5 Students will investigate the scientific view of how the earth's surface is formed.

- a. Compare and contrast the Earth's crust, mantle, and core including temperature, density, and composition.
- b. Investigate the composition of rocks in terms of minerals.
- c. Classify rocks by their process of formation.
- d. Describe processes that change rocks and the surface of the earth.
- e. Recognize that lithospheric plates constantly move and cause major geological events on the earth's surface.
- f. Explain the effects of physical processes (plate tectonics, erosion, deposition, volcanic eruption, gravity) on geological features including oceans (composition, currents, and tides).
- g. Describe how fossils show evidence of the changing surface and climate of the Earth.
- h. Describe soil as consisting of weathered rocks and decomposed organic material.
- i. Explain the effects of human activity on the erosion of the earth's surface.
- j. Describe methods for conserving natural resources such as water, soil, and air.

### S6E6 Students will describe various sources of energy, and with their uses, and conservation.

- a. Explain the role of the sun as the major source of energy and the sun's relationship to wind and water energy.
- b. Identify renewable and nonrenewable resources.



### The North Atlanta Christmas Show Report

As we all know, the GMS did not put on the December Show this year. In its place, Richard Hightower took over the show and date and promoted *The North Atlanta Christmas Show*. It looks like Richard did a good job and had a successful show and hope that future shows are even better!

Richard gave GMS space to promote the club, talk about rocks, minerals and fossils, and to solicit new members. We had two tables, one with information on GMS, May Show fliers, stickers, coloring books, old *Tips and Trips*, and membership applications. On the second table, I set up my faceting display and faceting machine. Richard also gave us gemstone and mineral cards to give to the new members who signed up at the show. We signed up 25 new members, handed out over 150 Tri-folds with the GMS information and gave away many stickers and coloring books. Richard deserves a big thanks from GMS for allowing us to take part in the show. GMS also thanks all the members who took time from their shopping to staff the table during the show.

Next to our space was the new meteorite club. Several of our GMS members are founding members of this group. They had two tables also and were giving away free meteorites. If you haven't noticed, they are as nuts about meteorites as we are about rocks, minerals and fossils. They also drew a big crowd, gave out much information, and were able to solicit new members.

It was good seeing some of the dealers who have come to our December shows for many years. We missed some who did not make it. We also enjoyed meeting new dealers that Richard brought in to the show. Richard had his cave bear along with other fancy fossils on display. Richard also brought in the Rock Food table. If you missed the show, you missed some wonderful displays and merchandise. It was also nice to be able to go to the show without any responsibilities. As soon as we were packed up, we could leave. The only thing that others and I missed was the Saturday Auction. I guess, we need Kim to find an excuse to have a workday at his house and have an auction after all the work it done.

Jay Gorday



Jay Gorday demonstrates faceting



Margaret Ronan and Sue Gorday talk to visitors



Anita Westlake shows a meteorite specimen

North Atlanta Christmas Show  
Special Exhibit:

The Rock Food Table

By Bill and Lois Pattillo  
Robstown, Texas



Bill Pattillo answers questions about the exhibit.

## The Southeast Federation of Mineralogical Societies, Inc

The Friendly Federation - Founded in 1976 to serve.

**DMC Program of the SFMS Field Trip Committee  
An Official Field Trip of The Jacksonville Gem and Mineral Society (Jacksonville, FL)(HOST)  
An Official Field Trip of the Georgia Mineral Society**

**9:00 am  
Saturday, January 19, 2008  
Vulcan Brooksville Quarry  
Hernando County, Florida**

**WHERE:** Vulcan Quarry, 8 miles north of Brooksville, FL

**WHEN:** Saturday, January 19, 2008

**TIME:** Meet at staging area on map with signed waivers at 8:45am

**ATTACHED WAIVERS:** Parental-Guardian release form and Adult release form are found on pages 12 and 13.

**COLLECTING:** Marine fossils, chert, calcite.

Alan Pagels writes, "There are many things to be found here at the mine including calcite crystals, flint rock (chert), fossils and wildlife. The marine fossils found here are mostly echinoids including spiny sea urchins, sea biscuits, sand dollars, etc. We also find dugong (manatee) ribs and vertebrae and on occasion sharks teeth. Some of our material has been dated to over 30 million years old. I have been told that we are in the Suwanee formation and that it's possible that our northern border is the furthest extent southward of the Ocala formation. We have many forms of wildlife including bald eagles, osprey, hawks, coyotes, fox, raccoons, bobcats, alligators and diamondback rattlesnakes."

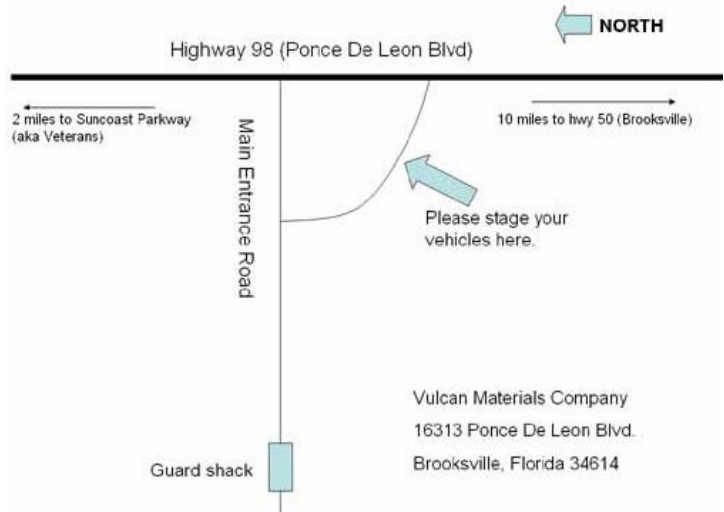
**BRING:** Map, picks, shovels, hammers, chisels, buckets, scratching tools, water, newspaper and gloves.

Drink and lunch provisions. Hat, sunglasses, and sunscreen may be helpful. **Please bring signed waivers for children and adults coming to the mine.** A short safety session will occur before entering the mine.

**DMC CONTACT:** Mickey Cecil  
904-725-6198 [helpcecilhelp@juno.com](mailto:helpcecilhelp@juno.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!"

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.



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### Georgia Mineral Society Field Trip "Honeymoon Island State Recreation Area" 9:00 A.M. Sunday, January 20th, 2008 Dunedin, Florida

Jacksonville Gem and Mineral club is hosting a DMC field trip to the Vulcan Brooksville Quarries on Saturday the 19<sup>th</sup>. Honeymoon Island is a short 54 miles South SW and a great collecting trip as written up in the latest "Rock and Gem". The last time we have collected at the Island as a club was back in 2002 and the DMC trip sets up this as a way to enjoy a two day collecting trip (or one if you can only get away for one day). We will be collecting a very beautiful form of black agatized coral that can be cut and polished or just enjoyed as a great cabinet specimen. You may also find sharks teeth and some very beautiful uninhabited seashells. In addition to the beautiful beach areas, the park boasts several nature trails, bird observation areas, and the only "pet beach" in the state. The Dunedin/ Palm Harbor area is situated on the Gulf of Mexico, 25 miles NW of Tampa - about midway down the Florida peninsula. Besides Honeymoon Island, additional attractions in the area include Dunedin Beach-3 miles, Tampa Bay Downs-6 miles, Caladesi Island State Park-13 miles, Busch Gardens Florida-22 miles, Clearwater beach-11 miles, Clearwater Marina-10 miles, Russel Stadium-8 miles. Tarpon Springs with its picturesque sponge boats and delicious waterside restaurants is just 5 miles North of the motel.

Honeymoon Island State Recreation Area is located at the extreme west end of S.R.586/Curlew Road, north of Dunedin. From US 19, turn west on Curlew Road to its end at the entrance of park. There was a \$4.00 fee per carload to enter the Park! Inside the park, proceed north on the island to the top of the one-way circle and park at the northern most bathhouse. We will meet at 9 a.m.! The

January 2008

The Georgia Mineral Society

Field Trip - December 1, 2007  
 Amos Cunningham Farm,  
 Due West, SC

GMS has obtained a special group rate at the Palm Harbor Red Roof Inn, which is located very near to the road which goes to the Park. This inn offers non-smoking room, king sized beds, and an outdoor heated pool. We have a block of rooms set aside for the Georgia Mineral Society at \$50 (plus taxes). This rate is good on Friday, Jan. 18, 2008 through Sunday, Jan. 20, 2008. You must make your reservations by January 11, 2008 for this rate. Check in time is at 3:00 pm. Check out time is at 11:00 am. Restaurants near the motel include Outback Steakhouse, Palm Harbor Ale House, Pappas Greek and Seafood, Applebee's, Carraba's and those in Tarpon Springs.

**Fee:** There was a \$4.00 fee per carload to enter Honeymoon Island State Recreation Area.  
**Collecting:** Agatized coral, sharks teeth, uninhabited seashells.

**Tools:** Buckets, pick, shovel, rubber boots, and rock hammer. Ziploc's and garbage bags for those smelly uninhabited seashells and other beach things!

**Bring:** Water, lunch, drinks.

**Directions from Atlanta:** Travel south on I-75; bear right onto I-275 into Tampa. Turn right off I-275 at Hillsborough Ave. (Exit 30 US 92/US 41). Go west 15.5 miles on Hillsborough Ave. At some point it becomes Tampa Road. Bear to the left at traffic light onto Curlew Road (State Road 586). Go to the intersection of US 19 and turn right. Pass the Outback Steakhouse and the Red Roof Inn on the left and u-turn at first opportunity just north of the motel.

OR you can stay on I-275 past exit 30 to exit 20/SR 60/Memorial Hwy. Drive across Tampa bay on SR 60 to US 19 and turn right(North). Drive 6 miles North on US 19 to S.R.586/Curlew Road and continue on one mile further. Pass the Outback Steakhouse and the Red Roof Inn on the left and u-turn at first opportunity just north of the motel. There may be less total congestion on this route?

**To go to Honeymoon Island State Recreation Area:**

Turn right from the motel to the next traffic light and turn right onto S.R.586/Curlew Road. Drive until the road ends at the Park.

**Motel:** Red Roof Inn, 32000 U.S. 19 North, Palm Harbor, FL 34684 (Located 8 miles northeast of downtown Clearwater. U.S. 19 at S.R. 584)

Inn Phone: (727) 786-2529

Inn Fax: (727) 786-7462

National: 1-800-THE-ROOF

Ask for the " Mineral Society group rate." \$50.00 (plus tax)

Rate good Friday, Jan. 18, 2008 - Sunday, Jan. 20, 2008.

Reservation cut-off - January 11, 2002.

My wife and I have already made our reservations

George Libby GMS Field Trip Chair

Cell 678-910-7476

e-mail: onsiteinatlanta@yahoo.com



Digging in the pit. Linda Batcha in the foreground.



Emerald in matrix found by a rockhound in the dump area.



Amos Cunningham shows one of the specimens found.

**RELEASE, WAIVER AND INDEMNITY AGREEMENT**

This agreement was executed on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, by \_\_\_\_\_, herein referred to as "Releasor," to Vulcan Construction Materials, In consideration of being permitted upon he property of Releasee that is located at Vulcan Materials Company\_16313 Ponce De Leon Blvd. Brooksville Fl, 34613 (Property), where Releasor may be exposed to industrial activities or to mining activities and areas of mining, both dormant and active, and to areas which are otherwise acknowledged to pose a risk of injury to person and property, the Releasor, for himself, his spouse, legal representatives, personal representatives, estate, heirs, assigns and beneficiaries (hereinafter collectively referred to as the "Releasor") hereby releases, waives and discharges to Releasee, its agents, employees, officers and directors (hereinafter collectively referred to as the "Releasees") from all liability to the Releasor, for any and all loss or damage, and any claim or damages resulting there from, on account of injury to the Releasor's person or property, even injuries resulting in death of Releasor, while the Releasor is on or upon the Property of the Releasee.

Releasor agrees to indemnify the Releasees, and each of them, from any loss, liability, damage or cost that may incur due to the presence of Releasor in or upon the Property of Releasee.

Releasor hereby assumes full responsibility for the risk of personal injury, death or property damage due to any conditions of the Property of Releasee or due to the negligence of the Releasee or otherwise while Releasor is in or upon the Property of Releasee.

Releasor expressly agrees that this Agreement is intended to be as broad and inclusive as permitted by the laws of the State of \_\_\_\_\_, and that if any portion thereof is held invalid, the remainder shall, notwithstanding, continue in full legal force and effect.

Printed Name: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

If you are a Contractor, please provide:  
MSHA I.D. No.: \_\_\_\_\_  
Taxpayer I.D. No.: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

AGREED AND ACCEPTED:

VULCAN CONSTRUCTION MATERIALS, LP  
SOUTHERN AND GULF COAST DIVISION

By: \_\_\_\_\_

Date: \_\_\_\_\_

PARENTAL GUARDIAN CONSENT,  
RELEASE, WAIVER AND INDEMNITY AGREEMENT

This agreement is executed on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, by \_\_\_\_\_ (the Releasor) who is the parent or guardian of \_\_\_\_\_ (the Minor), to Vulcan Construction Materials, LP, Southern and Gulf Coast Division, herein referred to as Releasee.

In consideration of the Minor being permitted upon the property of Releasee that is located at Vulcan Materials Company\_16313 Ponce De Leon Blvd. Brooksville Fl, 34613 (Property), where the Minor may be exposed to industrial activities or to mining activities and areas of mining, both dormant and active and to areas which are otherwise acknowledged to pose a risk of injury to person and property, the Releasor, on behalf of the Minor, and for himself/herself, his/her spouse, legal representatives, heirs, and assigns, hereby releases, waives and discharges the Releasee, its agents, employees, officers and directors (hereinafter collectively referred to as the Releasees) from all liability to the Minor, the Releasor, his/her spouse, legal representative, heirs and assigns, for any and all loss or damage, and any claim or damages resulting there from, on account of injury to the Minor's person or property, even injuries resulting in death of the Minor, while the Minor is on or upon the Property of the Releasee.

Releasor agrees to indemnify the Releasees, and each of them, from any loss, liability, damage or cost that may incur due to the presence of the Minor in or upon the Property of Releasee.

Releasor, on behalf of the Minor, hereby assumes full responsibility for the risk of personal injury, death or property damage due to any conditions of the Property of Releasee or due to the negligence of the Minor or otherwise while Releasor is in or upon the Property of Releasee.

Releasor expressly agrees that this Consent, Release, Waiver and Indemnity Agreement is intended to be as broad and inclusive as permitted by the laws of the State of \_\_\_\_\_, and that if any portion thereof is held invalid, the remainder shall, notwithstanding, continue in full legal force and effect.

IN WITNESS WHEREOF, Releasor has consented to the Minor's entry onto the Property and executed this Agreement as of the date set forth above.

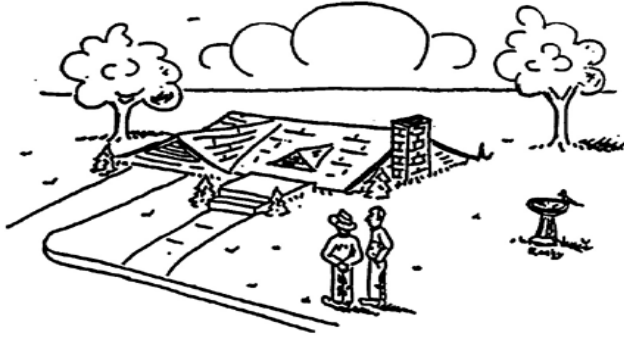
\_\_\_\_\_  
(Print Name)

By: \_\_\_\_\_  
(Signature)

Acknowledged:

VULCAN CONSTRUCTION MATERIALS, LP

By: \_\_\_\_\_



***I Knew Ole Rocky Was Getting  
Too Many Rocks In His Basement!***

by Rocky West in the T-Town Rockhound 7/61  
via Beehive Buzzer 10/98 & others

***Rockus Collectralus:  
A Case Study***

It is a horrible thing to be addicted to rocks. In the middle of the night, you wake up, contemplating more purchases to make. The shelves in your house are overloaded, sagging under all the weight of 30% of the earth's crust sitting on them. You don't even bother showering any more, as the fine dust left on your hands from carrying rocks has built up to unmanageable levels. All but your best friends have abandoned you; they do not want to be seen in public with someone so dirty.

This is a glimpse into the life of a person affected by *rockus collectralus*, a horrible disease that causes compulsive rock collection. Sufferers of this disease can be easily identified by their bulging pockets, their vest covered in dust, and their beat-up hat. Many sufferers also can be seen at any place that rocks, minerals, or fossils are sold. They can be differentiated from other patrons by lack of the phrase: "How much?"

Unfortunately, there is no way to treat *rockus collectralus*. However, there are ways of making it more livable. One way is to provide frequent exposure to others with this disease; this will help the sufferer to maintain their sanity. Another way is to provide frequent opportunities and finances to purchase as many rocks as needed. This keeps everyone happy, except for your accountant and spouse. Finally, the most important way to treat *rockus collectralus* is to have more social contact than just your rock dealer, and to not spend all day organizing, tagging, gazing at, and researching your collection.

If all of the above steps are followed, sufferers of *rockus collectralus* can have some of their lives back, and be on their way to recovery.

By Chris Lee (Junior Member)

**Southeastern Rock and Gem Shows**

**JANUARY 2008:**

**11-13--LARGO, FLORIDA:** 32nd annual show and sale; Pinellas Geological Society; Largo Cultural Center, Parkside Room, 105 Central Park Dr., one block east of Seminole Blvd.; Fri. 10-6, Sat. 10-6, Sun. 12-5; cut gems, silver and gold jewelry, inlay work, intarsia, wire wrap, beading, cabochons, mineral eggs, rocks, minerals; contact Hugh Sheffield, 2440 Southshore Dr. SE, St. Petersburg, FL 33705, (727) 894-2440.

**26-27--VENICE, FLORIDA:** Annual show; Gulf Coast Mineral, Fossil & Gem Club; Venice Community Center, 326 Nokomis Ave.; Sat. 10-5, Sun. 10-4; adults \$3, children free with adult; contact Ralph Marble, 5240 Dallas Place, Sarasota, FL 34231, (941) 922-2135; e-mail: marblegems@verizon.net; Web site: [www.mineralfossilgemclubvenicefl.org](http://www.mineralfossilgemclubvenicefl.org).

**Fernbank Museum of Natural History**

76 Clifton Rd. NE  
Atlanta, GA  
404.929.6300

For details on these exhibits, films, and events,  
please visit our website at  
<http://www.fernbank.edu/museum/>

**On Exhibit:**

Opening February 9: ***In the Dark***

**Upcoming Public Programs:**

**Fernbank Forest Family Walk.**

Saturday, January 12, 10 a.m. –  
Noon. Registration required.

**Keeping a Nature Journal**

**Workshop.** Sunday, January 20,  
Noon – 4 p.m. Registration  
required.

***In the Dark* Opening Day Celebration.** Saturday,

February 9, 10 a.m. – 2 p.m. Included with  
membership or museum admission.

**Rain Barrel and Worm Composting Workshop.** Sunday,

February 10, 1 p.m. – 3 p.m. Registration required.



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

*Africa: The Serengeti* (opens January 5)

*Sea Monsters*

*Cirque du Soleil™ Journey of Man* (opens January 4)

# January 2008

Sun	Mbn	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7 GMS General Meeting	8	9	10	11	12
13 Board Meeting	14	15	16	17 Micromount Section Meeting	18	19 DMC Field Trip Brooksville Florida
20 GMS Field Trip Dunedin, Florida	21	22 Mineral Section Meeting	23	24	25	26
27	28 Gem Section Meeting	29	30	31		

THE GEORGIA MINERAL SOCIETY, INC.  
P.O. Box 15011  
Atlanta, Georgia 30333-5011  
[www.gamineral.org](http://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**

