

**GMS FIELD TRIP  
SATURDAY, March 5th, 2005  
9:00 am  
Ladds Mountain, Cartersville, GA.  
Free Trip**

**Special note:** Bartow County has been doing some extensive blasting to relocate some of their buildings. YES. YES. BLASTING. I don't know if this is in the area of the caves or if some other club has already picked over the site, but if we are a little lucky we may be able to just pick up the onyx lying on the ground. This mountain is THE PLACE in the state of Georgia and the southeast to collect Cave Onyx and one of the few areas in the US where you can legally collect speleotherms (cave formations). In the process of mining this mountain for limestone, caves were exposed that contained beautifully banded calcite ranging in colors of orange-red to creamy white and yellow. This type of calcite formation is called "Cave Onyx." The material is very beautiful and can be cut and polished with ease. It also brightly fluoresces white in short-wave ultraviolet light and phosphoresces blue when you turn off your UV light. At the mountain we will all need to sign a release form at the Bartow County Maintenance shop before being allowed to enter. We are also required to sign-out before we leave so that they will not lock the gate until everyone is accounted for.

**COLLECTING:** Cave Onyx, Dendrites, Calcite crystals (botryoidal and stalactic), Aragonite, Dolomite, and tiny Quartz Crystals.

**BRING:** You will need to bring a rock hammer and chisel, Ziploc bags, and a scratching tool to work the dumps. If you want to work a little harder, bring a sledge hammer and a smaller crack hammer for the larger boulders. You may also want to bring a pick and shovel to try and dig out any buried Onyx slabs that have come off the face of the cliffs. As always, bring your lunch, plenty of fluids, sunscreen, a hat, gloves, sturdy shoes, newspaper and 5 gallon buckets.

**SPECIAL CONDITIONS:** No one will be allowed to climb on the cliffs or enter any of the caves! These caves have bat guano in them that contain a deadly disease that can be contracted via inhalation. Enough said!

Children are welcome under adult supervision.

**DIRECTIONS AND WHERE TO MEET:**

**Where:** Mrs. Winners parking lot at the corner of US 41 and SR 113 in Cartersville, GA. Come early and have breakfast!

**When:** 9:00 am, on SATURDAY, March 5th, 2005. Directions to our meeting place: Take I-75 north from Atlanta to SR 113/ Cartersville exit, turn left (west) towards Cartersville. Drive about 1.5 miles to the Mrs. Winner's parking lot on your right, just before you reach US 41. Kroger's is also at this location.

**Drive time:** From the intersection of I-285 and I-75 to Mrs. Winners in Cartersville is about 30 miles and should only take you 35 minutes to drive.

*George Libby, GMS Field Trip Chair  
Telephone: 770-978-2117  
Fax: 770-985-4281  
Cell Phone: 678-910-7476  
email: [Onsiteinatlanta@yahoo.com](mailto:Onsiteinatlanta@yahoo.com)*

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**Official GMS Field Trips are scheduled for GMS members only. These trips are not to be advertised to other clubs in newsletters or by other means.**

**DMC Program of the SFMS Field Trip Committee  
An Official Field Trip of The Cobb County Gem and Mineral Society (Host) and  
An Official Field Trip of THE GEORGIA MINERAL SOCIETY**

**The Diamond Hill Mine  
March 19 & 20, 2005, 9:00 am  
Antreville, South Carolina  
(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:** \$10.00 a person/PER DAY. Children under 13 are free. Pay for both days on the 20th if staying to camp overnight. Everyone attending will have to sign a release wavier.

**WHEN:** Saturday, March 19th. and Sunday, March 20th. We meet at 9 am on both days.

**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 A.M. 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 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. Large RV's will have difficulty in making this turn, please find Jim and we'll get you in!

Contact Jim Haege @ 706-253-5920  
[jimhaege@mindspring.com](mailto:jimhaege@mindspring.com) if you need more information.

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**"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!"**

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

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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."

March 2005

The Georgia Mineral Society

FERNBANK MUSEUM OF NATURAL HISTORY
767 Clifton Rd, NE
Atlanta, GA
404.929.6300

Weinman Mineral Museum
Cartersville, Georgia
CALENDAR OF EVENTS
Winter 2005

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.

Upcoming Public Programs and Events

- March 16, 6:30pm, Vine and Culture: Wine Tasting and IMAX Screening (cost)
March 19, 10am-2pm, Regions of Georgia Day Trip to Davidson-Arabia Nature Preserve (cost)
March 29, 7pm, Lecture: Amphibian Conservation Research, Ron Gagliardo, Atlanta Botanical Garden. (free, requires reservation)
March 26, 10am-2pm, Frogs and Friends Day (free with admission)
April 9, 10am-2pm, Spring Forest Walk (cost)

Special Exhibits:

Hidden Wonders of the Appalachians: The Watercolors of Nancy Lowe
Frogs: A Chorus of Colors

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

Africa the Serengeti
Bugs: A Rainforest Adventure
Martinis and IMAX, Friday evenings, 5:30-10:00 pm.

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

UPCOMING FEDERATION MEETINGS

California Federation

Hosts: Roseville Rock Rollers
Roseville, California
June 10-12, 2005

Eastern Federation

Hosts: Che-Hanna Rock and Mineral Club
Sayre, Pennsylvania
March 19-20, 2005 (Federation Annual Meeting on March 18)

Midwest Federation & American Federation

Hosts: Greater St. Louis Assoc. of Earth Science Clubs
St. Louis, Missouri
August 16-20, 2005

Northwest Federation Annual Convention & Show

Hosts: Willamette Agate and Mineral Society
Albany, Oregon
August 5-7, 2005

Rocky Mountain Federation Annual Convention & Show

Hosts: Colorado Springs Mineralogical Society
Colorado Springs, Colorado
June 17-19, 2005

South Central Federation Annual Convention & Show

Hosts: Austin Gem & Mineral Society
Austin, Texas
December 2-4, 2005

Southeast Federation Annual Convention & Show

Hosts: The Canaveral Mineral & Gem Society
Melbourne, FL

November 12-13, 2005, 2004
(from S.F.M.S. Lodestar, 02/05)

TEMPORARY EXHIBIT
Lovely

February 7, 2005-July 16th, 2005

Minerals have been among the key cosmetic ingredients through the ages. Beautiful mineral specimens combined with vintage advertising, artifacts, and hands-on activities help us explore the ways that minerals have made us all a little more lovely.

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COOKIES and COKE LEARNING SERIES

6:30 pm Cookies and Coke, 7:00 pm Lecture
Free Admission

The Cartersville Mining District: An Historic Perspective

Julian Gray

Thursday March 3, 2005

This presentation will cover the extensive mineral history of the Cartersville Mining District in eastern Bartow County. Since the discovery of gold in near Allatoona in the 1830s, this has been one of the oldest mining districts of Georgia. Ongoing barite and ocher mining at New Riverside makes it the longest continuous mining district in the state. In between is a rich and colorful history of this special part of Georgia.

\*I-75 Exit 293 at Hwy 411 \*

(770) 386-0576 \* www.weinmanmuseum.org

Jose Santamaria, (GMS Member and)

Director and Curator
Weinman Mineral Museum
PO Box 3663
Cartersville, Georgia 30120
Ph: 770.386.0576 x401
Fx: 770.386.0600

LEWIS & CLARK UPDATE



The long-awaited AFMS booklet on the Lewis & Clark Expedition is now available on the AFMS Website. Edited by Brenda Hanins with lots of research provided by individuals from each of the Regional Federations, the booklet is a great guide for kids traveling the trail. You can download a copy for yourself or your club by visiting www.amfed.org and following the links.

from the A.F.M.S. Newsletter (02/05)

**SHOWS, SPECIAL EVENTS, AND EXHIBITS**

March 4-6, 2005, Largo, FL –Suncoast Gem & Mineral Society. 35th Annual Gem & Mineral Show, Minnreg Building, 6340 126th Avenue N. Hours: 4th & 5th, 10:00 am-6:00 pm.; 6th, 10:00 am-5:00 pm. Contact: Sue Black @ 727.345.8994.

March 4-6, 2005 - Augusta, GA - Aiken-August Gem, Fossil and Mineral Show. Julian Smith Casino, 2200 Broad Street, Augusta, GA, 30904. Adults - \$3.00, children free when accompanied by an adult. March 4 & 5, 10 am - 7 pm; March 6, 11 am - 5 pm. Contact Walt Kublius or Kathleen Wallis at [wkkw@bellsouth.net](mailto:wkkw@bellsouth.net). Map available at: <http://www.homestead.com/aikengms>.

March 18 - 20, 2005 - Valley and Ridge Gem and Mineral Show - Rome Georgia Mineral Society. Anthony Recreation Center (Garden Lakes Gym), 2901 Garden Lakes Boulevard NW, Rome, GA, 30165-1713. March 18 & 19, 10:00 am - 6:00 pm; March 20, 11:00 am - 5:00 pm. Contact Jose Santamaria, Show Chair, 706.233.9828 or [joses@weinmanmuseum.org](mailto:joses@weinmanmuseum.org).

April 23, 2005 - SFMS Executive Board Meeting at the Memphis Archaeological and Geological Society Show, Memphis TN. 26th Annual Mid-American Mineral, Fossil, Jewelry Show. Pipkin Building, Midsouth Fairgrounds (corner of East Parkway and Central Avenue). Hours: 23rd, 9:00 am - 6:00 pm; 24th, 10:00 am - 5:00 pm. Contact: W. C. McDaniel, 901.274.7706, or [cfmcdaniel@worldnet.att.net](mailto:cfmcdaniel@worldnet.att.net). All members of a SFMS club will be admitted free to show with proof of club membership.

May 6 - 8, 2005, Marietta, GA - The Georgia Mineral Society. 37th Annual Gem and Mineral Mother's Day Weekend Show. Cobb County Civic Center, 548 S. Marietta Pkwy. (at Fairground St.). Hours: 6th & 7th, 10:00 am-6:00 pm; 8th, Noon - 5:00 pm. Contact: Jay Gorday, 1690 Granger Ct., Chamblee, GA, 30341; 770.986.0822, or email to [mayshow@gamineral.org](mailto:mayshow@gamineral.org). Website: <http://gamineral.org>.

June 4-5, 2005, Birmingham, AL - Alabama Mineral & Lapidary Society. 32nd Tannehill Gem, Mineral, Fossil, and Jewelry Show. From Birmingham, take I-20/59S to Exit 100 or Exit 1 off I-459 and follow the signs. Hours: 9:00 am-5:00 pm. Contact: Rick Kittinger, 1612 Colesburg Circle, Hoover, AL, 35226. Contact: [rickkittinger@bellsouth.com](mailto:rickkittinger@bellsouth.com).

Modified from S.F. M.S. *Lodestar* (02/05)

**Important Links**

**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](http://www.amfed.org)

**Friends of Mineralogy**

<http://www.friendsofmineralogy.org>

# March 2005

Sun      Mon      Tue      Wed      Thu      Fri      Sat

		1	2	3 Julian Gray Weinman Museum	4 Aiken - Augusta Show	5 GMS Field Trip Ladds Mtn.
6 Aiken - Augusta Show	7 GMS General Meeting	8	9	10	11	12
13	14	15	16	17	18 Rome Show	19 Rome Show DMC Field Trip
20 Rome Show DMC Field Trip	21	22	23	24 Mineral Section 7:30 pm, Julian's	25	26
27	28 Gem Section 7:30 pm, Kim's	29	30	31		

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

Name: \_\_\_\_\_ Birthday month and year \_\_\_\_\_

Email: \_\_\_\_\_

Spouse: \_\_\_\_\_

Spouse's email: \_\_\_\_\_

Children's Names & Birthdays( residing at home): \_\_\_\_\_

Address: \_\_\_\_\_

Home 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 18 YEARS OF AGE AND YOUNGER ARE CONSIDERED JUNIOR MEMBERS.

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

For Official Use Only:

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

ADDRESS CORRECTION REQUESTED  
PLEASE FORWARD

FIRST CLASS

DATED MATERIAL  
PLEASE DO NOT DELAY



*Happy St. Patrick's Day*