

Tips *and* Trips



The Georgia Mineral Society

Atlanta, Georgia

Volume XXXIV/Eight

August 2005

President's Message



It is August already. For most of us with kids, that means summer is just about over. I hope all had an eventful summer, with many rewarding field trips.

Sadly, I report the loss of a great friend to us collectors. The Hackney Farm, in Ball Ground, famous for staurolites, has been sold. The new owners have posted the property with "No Trespassing" signs, and very specific "No Rockhounding" signs. This had been a favorite spot for GMS for over 70 years. Maybe, in the future, the new owners will be amenable to allowing rockhounds access. In the mean time, I urge all to respect the new owners' desires. Let's let club field trip chairs do the legwork to try to reopen the site. With fewer people "bothering" them about collecting rocks, we may see the site reopen. Time will tell.



And, on the subject of field trips, you likely notice the lack of GMS field trips. The August DMC trip is being hosted by GMS, and nearly did not happen, thanks to an unnamed President not paying attention. Remember, our current Field Trip Chair is presently not able to arrange trips, so if we desire trips, we

need someone to take over (and we hope only temporarily). I and the temporary Sunshine Chair would also like someone to take over the Sunshine Chair position. Only a few of the members are doing the bulk of the Society's work, some acting in multiple positions. We are only human, and also have other interests and obligations. Please consider helping by taking one of these positions. You will make some people extremely grateful.

Doug Daniels
President

August General Meeting

7:30 PM, Monday
August 1, 2005
Chamblee Library
4114 Clairmont Road
770 - 936 - 1380



Causes of Color in Minerals

At the August meeting, Doug Daniels will present a Powerpoint presentation discussing the causes of color in minerals, a truly fascinating area of mineralogy. This program is derived from a talk given to the Mineral Section in December 2003. So bring your most colorful minerals and let's learn what causes such great variety in the mineral kingdom.

Looking Ahead:

September 12th - Topic to be announced, meet at Chamblee Library

October - Annual Banquet

November - Topic to be announced

December - GMS Holiday Party

Dylan Porter
*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	Robert Peard	770.936.0180
Assets/Equipment	Open to Volunteers	
Awards	Joan White	77.478.5734
Curator/Gem Box	Kim Cochran	770.979.8331
Facilities	Open to Volunteers	
Historian	Roxanne Lopez	770.436.0387
Hospitality	Margaret Ronan	404.636.0720
Librarian	Dick Anderson	770.888.9331
Parliamentarian	Kim Cochran	770.979.8331
Refreshments	Kim Prakash & Nancy Marden	770.879.0476 770.447.8542
Special Events	Bill Waggener	770.478.5734
Sunshine	Joan White Temporary	770.478.5734
Tips & Trips Labels	Joan White	770.478.5734
SFMS Rep.	Frank Decaminada	770.992.8309

The article submittal due date for the September 2005 newsletter is August 10, 2005.

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.

December Show Committee Chairs

Show Chair	Kim Cochran	770.979.8331
Dealer Chair	Anita Westlake	404.761.7849
Exhibits	Jay Gorday	770.986.0822
Demonstrations	Margaret Ronan	404.636.0720
Hospitality	Nancy Marden	770.447.8542
Treasurer	Teresa Curl	770.751.7313
Advertising	Perry & Teresa Curl	706.764.2291
Dealer Dinner	Open	
Database	Joan White	770.478.5734
Auction	Kim Cochran	770.979.8331
Set Up/Take Down	Open to Volunteers	

**June 18, 2005
GMS General Meeting Minutes**



The meeting was called to order at 7:38 PM by President Doug Daniels at the Dunwoody Library. Approximately 30 people were present, including one new member (Linda Davis), and one visitor who has an interest in faceting.

SPEAKER

Dylan Porter, VP Programs, introduced fellow GMS members Jay Gorday and Olin Banks who gave a presentation on faceting. Jay, who brought his faceting machine, spoke first and provided faceting "how to's". He began with identification of the machine parts and their functions, and listed other supplies needed. Jay then showed the steps he takes to facet a stone, and provided alternate methods that can be used.

Olin continued the program, and spoke about faceting designs. He provided some of the "show stones" he has created as examples of various materials and designs that can be utilized. Olin also shared tips on purchasing quality faceting material and finished gemstones, and provided a list of faceting websites he recommends along with other reference material.

COMMITTEE REPORTS (8:25)

Lizabeth McClain – VP Membership – active membership to date is 600.

Dylan Porter – VP Programs – next meeting will be on August 1st at the Chamblee library. Doug Daniels will speak on causes of colors of minerals.

Mary Porter - Secretary – minutes from June meeting (picnic) available, a motion was made to dispense with reading of minutes, which was seconded, and passed.

Teresa Curl – Treasurer – not present, no report given.

Joan White – Tips & Trips – not present, (Doug) next deadline of August 10th.

George Libby – Field Trips – still in hospital. Doug – let him know if you would like to volunteer as Field Trip Chair until George can resume.

Harry Yingst – Fossil Section – not present, no meeting. Doug – it has been suggested to appoint someone else as chairperson if anyone is interested, noting it is an elected position, by the section members.

Julian Gray – Mineral Section – not present. (Doug) next meeting July 19th at Kim Cochran's on breakage.

Kim Cochran – Gem Section – next meeting July 25th at Gracia Evin's on glass. Please RSVP.

Roxanne Lopez – Junior Section – not present. (Doug) next field trip is on August 14th.

Dave Babulski – Micromount Section – not present. (Doug) next meeting to be announced in newsletter.

Joan White – Temporary Sunshine Chair – not present. (Kim C.) recently visited George, he was fitted with braces and walking around. He is in a lot better spirits now. He

still loves milkshakes (any flavor), take him one if you visit.

Anita Westlake – SFMS – nothing to report. Olin announced that Jim Robinson (stamp program) will not accept stamps unless they are soaked off the paper. Jim Flora - instruction on how to do so is available on the SFMS website, along with information on and pictures of stamps that are desired.

Anita Westlake – Education Chair – nothing to report. Carolyn Daniels – spoke about fossils last month at Dunwoody library. Jay Gorday – spoke in Cornelia about exhibit cases.

Rod Peard – Adopt a Highway – not present, no report given.

Kim Cochran – December Show – Anita - mailed dealer contracts last month. Kim - needs volunteers to handle dealer dinner and set up/take down.

Bill Waggener – Special Events - not present, no report given.

Nancy Marden – Refreshments – provided by Kim Prakash. Nancy has a sign up sheet.

OLD BUSINESS

Doug Daniels – Julian Gray will be moving the GMS library to his house and provided the progress in a recent email. The floor area is stripped and leveled, and tile is to be installed this week. He has a GMS computer for the catalog and will be ready for the move sometime in August. The moving date will be decided at the next meeting; Julian will need help.

Marcella Wood mentioned the announcement in the newsletter of Ila Zuber's death, and that the family is accepting donations to GMS for the building fund in lieu of flowers/cards. Kim Cochran spoke with Ila's daughter who has a slab saw, kiln, and potters wheel she is selling. She asked if Kim would sell some rocks for her, which he said was not possible, but she could donate them to GMS, as it is tax deductible. She does not wish to donate the specimens.

NEW BUSINESS

Sue Gorday relayed that the Hogg Mine has reopened. Kim Cochran provided the following details: open only Friday and Saturday, you must obtain and sign a contract from the new owner, there is a one bucket plus one piece (any size) limit, and there is plenty of rose quartz to be collected. Rodney Moore is the current owner.

DOOR PRIZES (8:40) – Margaret Ronan – Kim Cochran, Mickey McClain, and Dylan Porter were recognized for donations. Door prize numbers were called.

A motion was made to adjourn meeting at 8:50PM. It was seconded, and unanimously approved.

**Mary Porter
Secretary**

**An Introduction to Faceting
by GMS members:
Jay Gorday and Olin Banks**

Jay Gorday - "Faceting: "To bring out the inner beauty, by cutting flat faces in a stone." Providing a short demonstration of the various parts of a faceting machine, Jay mentioned that there are numerous patterns available, with step by step directions, as easy to follow as a making a cake.

Tips: When it comes to cost, self charging your lap is the cheaper route and using super glue is faster to set the stone to the dope stick vs. wax.

Olin Banks - "As a hobby, faceting is better than Bass fishing. Your spouse gets all the jewelry they could want."

Providing the "Results of your labors" part of the demonstration, Olin showed numerous faceted stones including: a Spider cut, color changing material, and examples of improving stones that were cut weight rather than brilliance.

Tips: A Laser pointer will show flaws and inclusions in a stone and you shouldn't see through a stone if cut correctly.

Suggested reading:
"Introduction to Faceting" by Long & Steel

On the Internet:
Step by Step Faceting instruction:
[Http://www.image.com](http://www.image.com)

Dylan Porter, GMS Member

Request for Rock and Mineral Specimens

Anita Westlake is looking for donations of the following materials to help support science teachers in their educational efforts. You know you need to high-grade your collection (most of us need to). Please take the time now to do so. Most of the teachers do not have adequate specimens for teaching and purchasing specimens can become very expensive. Take advantage of the very hot weather to spend a little time in the basement or garage to help this very worthy endeavor.

Please forward all donations to Anita. If you need help in moving the material, just ask for it.

**Joan White,
Editor**

MINERALS

- ALBITE
- [PLAGIOCLASE]
- ALMANDINE
- [GARNET]
- AMAZONITE
- [MICROCLINE]
- APATITE
- ARAGONITE
- AUGITE
- AZURITE
- BAUXITE
- BARITE
- BERYL
- BIOTITE [MICA]
- BORNITE
- CALCITE
- CELESTITE
- CHALCOPYRITE
- COPPER
- CORUNDUM
- DIAMOND*
- DOLOMITE
- EPIDOTE
- FELDSPAR
- [ORTHOCLASE]
- FLUORITE
- GALENA
- GOETHITE
- GOLD*
- GRAPHITE
- GYPSUM
- [ALABASTER]
- GYPSUM
- [SATIN-SPAR]
- GYPSUM
- [SELENITE]
- HALITE

HEMATITE

- HORNBLLENDE
- KAOLINITE
- LEPIDOLITE
- MAGNITITE
- MALACHITE
- MUSCOVITE [MICA]
- OLIVINE
- OPAL
- PYRITE
- QUARTZ
- [AGATE/ONYX]
- QUARTZ
- [AMETHYST]
- QUARTZ
- [CHALCEDONY]
- QUARTZ
- [CHERT/FLINT]
- QUARTZ [CITRINE]
- QUARTZ
- [CRYSTAL]
- QUARTZ [JASPER]
- QUARTZ [MILKY]
- QUARTZ [ROSE]
- RHODONITE
- SILVER*
- SODALITE

ROCKS

- METAMORPHIC**
- GNEISS
- MARBLE
- PHYLLITE
- QUARTZITE
- SCHIST [GARNET]
- SCHIST [MICA]
- SLATE

IGNEOUS

- ANDESITE
- BASALT
- DIORITE
- GABBRO
- GRANITE
- OBSIDIAN
- PEGMATITE
- PUMICE
- RHYOLITE
- SCORIA

SEDIMENTARY

- ANTHRACITE
- COAL
- ARKOSE
- BITUMINOUS COAL
- BRECCIA
- CONGLOMERATE
- COQUINA
- DIATOMITE
- DOLOMITE ROCK
- LIGNITE
- LIMESTONE
- [CHALK]
- LIMESTONE
- [CRYSTALLINE]
- LIMESTONE
- [FOSSILIFEROUS]
- LIMESTONE
- [OOLITIC]
- LIMESTONE
- [TRAVERTINE]
- SANDSTONE
- SHALE



At Left:
Olin Banks points out some of the advantages of faceting to the crowd at the July General Meeting.
(Photo courtesy of Jim Flora)

Sunshine News

Happy Birthday to the following GMS members:



- 8/1 Crystal Daniels (13)
- 8/1 Susan Calderon
- 8/3 Jesse Clark
- 8/4 Roynan Krebs
- 8/9 Peyton Waggener
- 8/16 Courtney Southerland
- 8/19 Chris Lee
- 8/26 Deneane Taylor
- 8/26 James Southerland
- 8/27 Heather Kinney

Dylan and Mary Porter will celebrate their 9th wedding anniversary on August 24th and Mickey and Lizabeth McClain will celebrate theirs August 31st.

Please remember, George Libby (a.k.a. Liblick), GMS Field Trip Chair, is still in the hospital at Beverly Care next to Northside Hospital. George is doing much better now. Barbara Libby fell and broke her wrist. We hope things will begin to improve greatly for the Libby's.

Bill Waggener is glowing in the dark from the radio-active iodine treatment he received to destroy his thyroid gland to battle his Grave's disease. He has now been dubbed "Sir Knightlight". Our loving sympathy goes to Peyton and William Waggener upon the loss of their grandfather, Louie Lathem.

Please send me your news you would like to share with the club.

Joan White, Temporary Sunshine Chair

Congratulations to the Graduates

Below: Carolyn Daniels and daughter Amber at her college graduation from the New Mexico Institute of Mining and Technology (photo courtesy of Carolyn Daniels)

Above Right: Sarah Gorday announces her graduation from Chamblee Charter High School (photo courtesy of Jay Gorday)

Below Right: Brittany Daniels shows off her diploma at her high school graduation (photo courtesy of Doug Daniels)



Volunteer Needed

My hobby is Tropical Fish Keeping. Over the years I have learned much of the art and science of maintaining them. When asked to give a talk about them, I am the first to stand in line.

I do have other interests. One is growing orchards. Now this is something where my knowledge does not run deep. When asked to give a talk, well my first reaction was to ask myself "who am I to talk to the experts in the club?". They have been raising orchards for years, in greenhouses, when at the time, I was very proud just to keep one alive. Then it came to me, since I was good at killing orchards, I could give a talk on the Orchard Exterminator with 10 easy steps to kill any orchard. It was a hit.

This brings me around to the Georgia Mineral Society. I am not a geologist or educator and up to a few years ago had not even had any interest in the subject. The only reason I joined the club was I thought fossils were "cool" and the club has a fossil section. Once in the club, I heard the call go out for volunteers. From my point of view all of the positions that I could fill were filled. There were some openings but not even knowing the members names made me think I wouldn't do that well and besides there seemed to be some clique running things.

How wrong could one person be? Sure I showed up at a show and wasn't asked to do anything. Not surprising since many members had run a show many times before and just by laziness found it easier to do the job themselves. Then there is the problem of names. I didn't know the members names and they didn't know mine. It



meant I had to put in the effort and keep showing up. Then I was asked to lead the field trips. Well I certainly did not feel qualified but everyone who knew anything offered as much support as possible.

This is what happens in Georgia Mineral. There is always someone that really would like to help new members fill any position. For the moment, I will be specific as that the club needs a trip leader. I know that with DMC trips the club has at least 12 trips a year and since the host club leads the trips, our trip chair doesn't have to attend. The problem is in that no one has to be a member of Georgia Mineral to attend the DMC trips but when GMS has some trips, which are exclusive GMS, then people want to join us just so that they can collect. This runs true even when our club visits the same sites but offers different dates.

For myself, I have loved the position. It placed me in a position of talking to members of Georgia Mineral and other clubs that enabled me to collect at different sites. Some might just not have been large enough to allow open club collecting, sometimes I would get a better deal at a piece picked up at a show. In any case, I have been

struck with a virus that stripped the milen from my nervous system and took away the muscle control of my legs. I have to say everything does seem to be coming back, but slowly.

However, our club does need a Field Trip Chair, and I have no idea how long it might take for me to become active again. If anyone thinks they might be able to fill in, be assured, Barbara or I will help in any way we can with names and address and in general anything we can do over the phone, fax or internet lines. If anyone thinks they may be putting me out of a job please believe that it is with my blessings. If you are looking for a permanent position, it is yours, I can always come up with other ways to become active. If someone wants it temporary, when I am on my feet, I might be able to take back some of the work but this still remains to be seen.

George Libby, Field Trip Chair, July 2005

December Show News

At this time everything is going well. Anita has sent out contracts. She should soon know if she needs to look for new dealers. I am looking for someone to oversee Set Up and Takedown. I also need someone to be Dealer Dinner Chair. Please contact me.

Kim Cochran

December Show Chair

December Show Committee Chairs

Show Chair	Kim Cochran	770.979.8331
Dealer Chair	Anita Westlake	404.761.7849
Exhibits	Jay Gorday	770.986.0822
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Auction	Kim Cochran	770.979.8331
Set Up/Take Down	Open to Volunteers	

Keep in mind that you do not have to chair a committee to volunteer. All the committee chairs will be asking for other members to volunteer to assist with the various tasks of putting on the show. If you are interested in helping, just call one of the people on the list and they will help you find something to do - believe me. At the last two shows we have been somewhat shorthanded in many areas. Everyone loves to attend the show so please just plan to take a couple of hours to lend a hand to your club.

Joan White, Database

Call for Award Nominees

If you would like to nominate a member for special recognition through our awards program at the Annual Banquet in October, please send your suggestions to jwhite@bellsouth.net or telephone 770.478.5734 or 404.354.8754. Thank you for your input.