The Georgia Mineral Society *Atlanta, Georgia* Volume MMXVI/two February 2016

**General Meeting**
7:30 PM Monday, February 01, 2016
The GMS Building
4138 Steve Reynolds Boulevard
Norcross, GA

**Rockhounding at the Rice Museum of Rocks and Minerals**

Julian Gray is a former GMS member and the former curator of Tellus Science Museum. He now heads the Rice Northwest Museum of Rocks and Minerals in Hillsboro, Oregon. For this month’s program Julian will be sharing his adventures in Oregon over the last two years. The museum, which is located in northwest about 15 miles west of Portland, Oregon, houses the finest mineral collection in the Northwestern United States. Julian will be talking about the museum, its collections, and Oregon rockhounding.

Tom Batcha
VP of Programs

**President’s Message**

It is with great sadness that I report that our member Phil Herren passed away on January 5th due to complications from surgery. Phil was an active member, supervising the workshop, leading the gem section, and demonstrating metal work at our show. An accomplished lapidarist, metalsmith and jeweler, he was an eager teacher, and very generous with donations to the club. He will be greatly missed.

Your GMS board will meet on Sunday, February 7th, to make decisions regarding the business of the club. If you would like to get an idea of the work the board does to keep the club healthy and thriving, you are welcome to attend the meeting. It will be at the GMS clubhouse, starting with a pot-luck lunch at 1:00 PM followed by the meeting at 1:30 PM. If there are items you would like included on the agenda, please email me at president@gamineral.org.

February means that it is only three more months until our show. I hope you are thinking about how you want to help with it – collecting specimens on field trips for grab bags, or helping to stuff grab bags, preparing items from your collection for a display case, helping with set-up, take down, or hospitality, demonstrating some lapidary skill, or helping with the dealer dinner. There is plenty to be done, and you are sure to be able to fill a need to make our show a success. We will have sign-up sheets at meetings and be giving out more information as the time for the show approaches. This month may be cold and gray, but we will still have opportunities to play with our colorful rocks!

Regards,
Shelley Stubbs
GMS President

Tips and Trips
Tips and Trips

The article submittal due date for the March newsletter is February 15, 2016.

GENERAL MEETINGS

General meetings are held on the first Monday of each month. In the event that the first Monday is a holiday, the meeting will be held on the third Monday of the month. General meetings are held at the Georgia Mineral Society Building in Norcross, Ga. 4138 STEVE REYNOLDS BLVD. NORCROSS, GA. 30093-3059

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 membership@gamineral.org.
Sunshine News

Dear Rockhounds,

It is with great sadness that I report the passing of our GMS member Phil Herren. Phil passed away on Tuesday, January 5, 2016. His passing was due to complications related to surgery. A service and luncheon were held the following Saturday on January 9, 2016 in Decatur, Georgia. In lieu of flowers, his family had requested that donations be made in Phil's memory to The Georgia Mineral Society.

Many of you knew Phil as our GMS Gem Section Chair. I myself attended some of his classes, and they were really wonderful. Many of his classes were on working with metals. I didn't have the tools and materials necessary for creating the meeting/class projects, but another very kind and generous GMS member always let me participate by sharing his tools and materials and letting me try my hand at working the metals. That's what Phil's classes were like: warm, generous, and inclusive, with Phil always willing and glad to share his considerable knowledge.

In addition to his being the GMS Gem Section Chair, Phil also volunteered to do demonstrations at our annual May show, and also volunteered to teach the children in the GMS Junior Section meetings. Both Lori and Chrissy have posted on our GMS Facebook page ( www.gamineral.org/memoriam/herren.html ) some great photos of Phil at the GMS show and with the children at the GMS Junior Section meetings. If you get a chance to, take a look at the photos. One thing you may not have known about Phil was that he was a big Michigan State fan and played on the team in his college days. Condolences from The Georgia Mineral Society to Phil's family and friends; you are in our thoughts and prayers. We will miss him, and we are very sorry for your loss.

Anyone wishing to share their news, of any kind, with other GMS members can email me at sufi1114@gmail.com, or phone me at 404-634-6931.

Thank you.
Susan Filak
Sunshine Chair

Facilities Message

GMS continues to be warm and snug during this cold weather. A new hot water is being installed. The kitchen sink is under review for repair or replacement. All else seems to be working fine. If you notice anything that needs attention, please let me or any Executive Board member know at your first opportunity. Meeting Chairpersons, please be sure to have someone vacuum the carpet and empty the trash after each meeting. Thank you for signing in and out for each building access.

Respectfully submitted,
Bill Waggener, Facilities Chair

Education Message

Wow! The thirst for knowledge never ends (thank goodness!) Classroom presentations, Family Nights, STEM Nights, and Science Nights are in continuing demand. Thank you to everyone for stepping up to fill the needs of our students. Of course, we can always use more folks to share their love of rocks, minerals, and fossils with the students.

Please remind your teachers that the 2016-2017 Minigrant applications are available on our website. The deadline for submission is 01 September, but now is the time to take notes on what supplies and support they need for a successful learning experience.

Yours in education,
Bill Waggener, Education Chair
Gem Section Message

Please join us on Monday 29 Feb 2016 for a Show and Tell honoring Phil Herren and his work with the Gem Section. Bring any work finished or in progress that was taught or influenced by Phil. While he was Chair, we covered many different subjects and folks learned a lot about jewelry. We will also elect a new Gem Section Chair at this meeting. If you are interested in assuming the Chair or just wish to learn more about Jewelry making and Lapidary, please join us at 1930 for the February meeting.

Respectfully submitted,
Bill Waggener, Gem Section member

Mineral Section Meeting

Wednesday, February 17, 2014 7:30pm
The GMS Building

For 2016 the Mineral Section topic for monthly programs will be mineral groups. This month we will look at Phosphate Minerals. This group has a great contrast of color with a number of the minerals found in the micromount variety.

Here are some phosphate minerals that you may have in your collection:
Lazulite - Graves Mountain, Georgia; Wavelite & Variscite - Arkansas; Strengite & Cacoxenite – Indian Mountain, Alabama;
Turquoise - Southwest US; Apatite and Vivianite.

Tom Batcha
Mineral Section Chair
minerals@gamineral.org

Sand Section

In the January Sand Section meeting, we finished cataloging the current backlog of sand. We are up to 350 specimens with excess available for study and for personal collections. Just when I thought we were done, I realized I still have a couple of boxes at my house, so we still have more cataloging to do.

Joe Summerour shared sand from New Mexico and loess from Vicksburg. Sand section members also received "sand belemnites" donated by RJ.

The topic for the February meeting is Bahamian sand. Come learn about the sand from this country made of islands and get a few samples to take home.

Date: Wednesday, February 3, 2016
Time: 7:30
Location: GMS Building
Topic: Bahamian Sand

Lori Carter
Sand Section Chair
sand@gamineral.org

Membership Notes

Georgia Mineral Society is growing and prospering. We now have close to 900 members, including many junior members (whom we don’t see nearly often enough). This is wonderful. We appreciate everyone’s friendship, input, contributions and the joy you share in our hobby.

As we grow it becomes even more important to keep our records accurate – so I am asking for your help. (1) If you are not getting email notifications, please send me an email as soon as you have a concern. Things do occasionally go awry. (2) When you renew your membership, please fill out a form specifying by name all those in your household to be included. When you put “no change” we wind up with children who long since grew up and moved away, with couples who are no longer couples (it happens :/) still listed together, with new additions (birth, marriage, in-laws moving in) missing. This makes me unhappy. Please fill out a membership form. (3) When you renew your membership, please fill out a form. If you just send a check or pay electronically without filling...
out a form it goes to the treasurer. We don’t live together. I may not even know that you have renewed. And when you fill out the form, please see number (2) above.

I am very happy to know so many folks love rocks and minerals and geology and getting out in the wonderful world to collect and learn. Unfortunately, I don’t know all 900 of you. So please help me.

Elizabeth Lamb, membership chair
(Did I mention “Please fill out the form”?)

New Members!!!

Charlie and Rachel Arrington from LaGrange, GA
Edward Bansbach from Austell, GA
Nedra and Nathan Bonavita from Stockbridge, GA
Josh, Emma, Ellie and Luke Brown from Suwanee, GA
Lanette Brown from Tyrone, GA
Cameron, Cristina, Caitlyn and Cathy Clines from CONYERS, GA
Art, Allison and AJ Crowe from PEACHTREE CITY, GA
Eddie Easterly
Shawn, Nobuko and Soma Hall from Atlanta, GA
Tony and Tina Hart from DOUGLASVILLE, GA
Melinda and Rick Hattfield from Marietta, GA
Rachel, Nora, Will and Mike Herzog from Avondale Estates, GA
Sais Husia from Tyrone, GA
Jason, Christy, Aaron and Madison Leatherwood from Stockbridge, GA
Hannah McCormack from Marietta, GA
Cindy Orem from Austell, GA
John Phadongsy from Union City, GA
Kendra and Clayton Reisinger from LaGrange, GA
Jack Shiraef from Lookout Mountain, GA
Ronald and Martha Smith from Decatur, GA
Dennis, Carrie, Grant, Riley and Evan Stahl from Marietta, GA
Janell, Scott, Heather and Derrick Stephen from Alpharetta, GA

Please give a warm GMS welcome to these new members. We are so happy to have you with us and look forward to years of happy rock-hounding together.

Elizabeth Lamb, membership chair

Happy Birthday to our February folks.
Your birthstone, the amethyst, symbolizes sobriety. (The name comes from Greek for “not drunken.”) The color purple symbolizes royalty. The amethyst is said to create calmness and tranquility - although as the stone of St. Valentine, I’m not sure that is the emotion I would have guessed!

Feb 02 Simon Lockhart
Feb 06 Ian Nagel, Leo Pulte and Jed Doody
Feb 08 Riley Bendure
Feb 09 Matt Collins, William Fleck and Donald Blalock
Feb 10 Carolyn Dalusky and Sophian Graff-Radford
Feb 11 Eli Nims and Mary Clark
Feb 12 Terrie Sosebee and John Phadongsy
Feb 13 Jimmy Herbert
Feb 14 Patience Carter
Feb 15 Delisa Martinez, Carol A. Wooden and Steven Ward
Feb 16 Len Vanerstrom, Jeffrey Herod and Richard Aultman
Feb 17 Yolanda Munoz
Feb 19 Bob Carter
Feb 20 Fernando R. Munoz
Feb 21 Anthony Trentini and Kathy Brown
Feb 23 William Renz and Jaden Savage
Feb 24 George Retseck and Richard H. Koskey
Feb 25 Phillip Daly, Wes Mayo and Natalie Toppen
Feb 26 Cynthia Crane
Feb 27 Pam Mayer and Carolyn Train
Feb 28 Lidong Zhang
DMC Field Trip
Saturday, February 6, 2016
Ruck’s Pit The Fort Drum Crystal Mine
28329 NE 55th Ave., Okeechobee, FL
Okeechobee County
10:00 AM to 3:00 PM

TRIP: The Fort Drum Crystal Mine (formerly Ruck's Pit)
28320 NE 55th Ave., Okeechobee, FL

COLLECTING: Calcite Crystals, Shells, Fossils, etc.

FEE:
Adults: $60, 15 & Under $35, 12 & Under $25, 7 & Under $15
5 & Under Free

BRING: Change of clothes, water, snacks or picnic, boots, newspaper to wrap specimens, beer flats for storage.
CHILDREN: Under adult supervision

PETS: Allowed on a leash

Where we will meet: Ft Drum General Store & Gas station in Fort Drum on Hwy 441
When: 9:30am

Directions to our meeting place:
From SR 60 to Yeehaw Jct go south on Hwy 441 to NE 304th St at Ft Drum Cemetery Sign and go about 3 miles to 55th Ave.
Alternative Route: From Vero Beach take 713 to Ft Pierce take HWY 68 to NE 48th Ave and go north NE 304th St and turn right to 55th Ave.
If you miss us at the Ft Drum General Store & Gas station, directions to the mine are .... about a mile past the store take a left on 304th st , go to NE55th ave and turn right , go to the end of that road and you are there!
Drive Time: About 1 hr from Vero Beach FL Campsites are available $25

CONTACT:
Darryl Taylor
772-633-4423
rockhound531@yahoo.com

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Tellus Museum
Mineral Symposium – Pegmatites

Aquamarine, Hunza Valley, Pakistan, Tellus Mineral Collection
Saturday, April 2, 2016
10 AM – 5 PM*

Registration required; discount for early registration.

Pegmatites are a fascinating geologic subject and this year’s symposium topic. Tellus is happy to announce presentations by experts in the field such as Mike Wise of the Smithsonian National Museum of Natural History, Joe Dorris of the famous Smoky Hawk Claim in Colorado, Sam Swanson of University of Georgia, Bob Cook of Auburn University, and David London of University of Oklahoma, to share their research and experiences. This symposium requires pre-registration. In addition to the talks, registration will include a breakfast bar and lunch buffet.
This is a scientific mineral symposium. Geologic background and pegmatite knowledge is recommended to increase comprehension. **If you do not have a geologic background but think this may interest you please come to the Lunch and Learn in March, 2016 where Tellus Curator Sarah Timm will discuss why pegmatites are so neat and how they create such precious minerals!!**
Early registration is open until February 22, 2016. Registration ends March 22, 2016. To register, call (770) 606-5700 ext 417.

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GMS Field Trip
Saturday, February 20, 2016
Meet at 8:30 a.m. Eastern Time
Caravan into quarry at 9:00 a.m.
Bartow County, GA

TRIP: GMS will hold a field trip to the Vulcan quarry in Bartow County, GA. The quarry is part of the Corbin Gneiss Complex. They are mining porphoblastic granite gneiss. The rocks in this quarry are some of the oldest in Georgia - approximately 1.2 billion years.

COLLECTING: Blue quartz. Small pieces can be collected by hand and larger pieces can be collected with hammer and chisel. This material can be cut and polished and it also makes nice specimens.

BRING: Rock hammer, small sledge, chisel, scratching tools, and buckets. You will also need sunscreen, gloves, safety glasses, hard hat, and sturdy boots with ankle support (hiking boots). As always bring plenty of water and some snacks.

CHILDREN (Yes): This field trip is suitable for children of all ages but they must have adult supervision at all times as well as all safety equipment including a hard hat and safety glasses.

PETS (No): Because this is an active quarry, pets
Tips and Trips

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**The Georgia Mineral Society**

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**CCGMS February 20, 2016 Fossil Field Trip**

**Saturday February 20th**

**9:30 AM Central Time to 3:00 PM Central Time**

**Huntsville, AL and surrounding areas**

**Trip limited to 25 participants please sign up to reserve your spot**

**Collect:** Mississippian Age fossils including coral, archimedes, bryozomes, brachiopods, crinoid stems and columnals. An occasional blastoid, crinoid calix, cephalopod and trilobite may be found. On rare occasions one may also luck into an odd sharks tooth. Fossils are loose and also in broken plates.

**Meet:** We will meet at 9:30 Central Time near Huntsville, AL. It is approximately a 3.5 hour drive from Marietta depending on the actual departure location. From there, we will travel to several locations in the area. The specific meeting site and directions will be emailed to confirmed participants.

**Tools:** We will be surface collecting loose fossils and fossil limestone plates. No digging is required or will be allowed. A small knife or screw driver may be helpful to lift specimens and small containers or bagsgies are needed to put specimens in.

**Children 11 and older and Pets on leash at all times:** Finding fossils is easy but the collecting locations are on slopes, walls and flat areas primarily at road cuts adjacent to very busy roads. We will also need to cross roads on foot to cover the collecting areas. Children and pets will need to be properly supervised due to the inherent danger and adults will be expected to use caution.

**Special:** There are numerous locations nearby for rest rooms or food. Also, there are several attractions in the area if you choose to stay over or leave early including the Space and Rocket Center in Huntsville and Cathedral Caverns in Grant.

**Weather:** The field trip will be cancelled if there are severe weather warnings or winter warnings for the area.

**CCGMS Field Trip Team Leader:** David Braswell, you can contact David at davidr.braswell@gmail.com if you have questions. To sign up for the trip please send an email to CCGMS Field Trip Coordinator Toby Stewart at cccms.fieldtrips@gmail.com or 678-417-1786. You will receive confirmation of your spot via email.

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**Saturday, February 27, 2016**

**Stoney Bluff**

**Girard, GA**

**9:00 AM**

**TRIP:** Stoney Bluff is located about 30 miles south of Augusta, Ga and just east of the small town of Girard. We will assemble in Girard at 9 am in the vacant lot just south of the Post Office (do not park in the Post Office parking lot). The collecting site is only a few miles away at the end of Stoney Bluff Rd.

**COLLECTING:** “Savannah River Agate”

**BRING:** Colorful, agatized material can be found on the surface at the site, but many people usually bring light digging tools and small pry bars to free larger boulders from the sandy soil. Leather gloves are recommended. Bring plenty of water and dress for the weather.

**DIRECTIONS AND WHERE TO MEET:** Directions from I-20 in Augusta, GA.>From I-20 in Augusta get onto I-520 (Bobby Jones Expressway) and head toward the south end of the expressway. When you reach Exit 9 (Mike Padgett Hwy), exit and head south (most likely Hwy 56 at that point) approx. 15 mi. to McBean, GA. Just beyond McBean turn left onto Hwy 23 and follow it SE about 14 mi. to Girard, Ga.

Directions from I-16 just west of Savannah, GA Exit I-16 at US301/US25 (Exit #116) and head north approx. 10 mi to Statesboro, GA. Continue north on US 301 from Statesboro approx 20 mi to Sylvania, Ga. Continue north on US301 from Sylvania about 5 miles to junction with Hwy 24. Turn left onto Hwy 24 and drive 14
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mi to Sardis, GA. In Sardis pick up Hwy 23 and drive 6 miles to Girard, GA.
CONTACT: Trip chairman: Jim Maudsley 706-353-1792 or jamesm24@charter.net

January DMC Field Trip Report
Brooksville, FL
By Lori Carter

The Tampa Bay Mineral and Science Club hosted the January 2016 DMC trip to Brooksville, Florida for Oligocene and Eocene fossils. Field trip chair Fred Hendershot reported 20 attendees from all over the Southeast. He said, “It was a pleasant morning and everyone left with a bag of fossil sand dollars and some found chert and calcite druzy.”

Fred brought a couple of boards with fossils mounted on them to help with identification. There were various fossils from the quarry and some partially cleaned so we would know what to look for. The partially cleaned fossils also showed us that we could collect fossils covered with matrix, but with a dremel and some patience we could end up with some spectacular specimens.

The Vulcan quarry representative, Saul, welcomed everyone and explained all of the rules of the quarry before we were set loose on a large collecting area.

Charles and I started searching in an area known for good chert/flint. He got plenty of pieces to cut and polish and both of us found a lot of sea biscuits that we hope to clean up. The sea biscuits, *Rhyncholampas gouldi*, a small puffy echinoid, were the most abundant fossils there, and whole specimens were easy to find without any digging. I also collected 3 bags of sand; two from the Oligocene layer and one from the Eocene.

Other collectors were digging in the Eocene layer and extracting some really nice, large sand dollars (*Clypeaster rogersi*). I also saw some well-preserved gastropods, a perfect little sea urchin, and one bone fragment. In another area people were finding some beautiful druzy calcite, too.

Vulcan has been extremely gracious in allowing us to collect in the Brooksville quarry. We appreciate the effort they extend to make our collecting trips there safe and productive. Many thanks to Vulcan and the Tampa club for another successful DMC field trip! We are looking forward to future trips there.
For more pictures from the trip, please see the website at www.gamineral.org

Dixie Mineral Council Field Trips
Southeast Federation of Mineralogical Societies, Inc.

SFMS Field Trip Committee Announcement

MESSAGE FROM JIM FLORA, PAST SFMS FIELD TRIP CHAIR AND DMC PROGRAM CREATOR

You may or may not be aware that I started the DMC field trip sharing program way back in 1998 with an initial membership of 11 SFMS member clubs. Our very first field trip occurred during March of 1999. Currently we have 30 SFMS member clubs sharing one of their field trips with the other clubs of the DMC. It's now time that I pass on the responsibilities of the SFMS field trip chair and DMC program coordinator to some younger mineral collectors. Charles and Lori Carter of the Georgia Mineral Society will be taking over my SFMS Field trip duties (Charles) and DMC email/scheduling jobs (Lori) during the first month of 2016! I have known the Carters for over 20 years and I have full confidence that they will do an even better job in the future with SFMS field trips. They both are I.T. professionals and are doing an outstanding job with field trips at the Georgia Mineral Society. They have been successfully opening up new locations to field collect minerals and fossils and have been actively sharing GMS collecting trips with other clubs in the southeast. So, it will not be a big jump for them to run the DMC and SFMS field trips. I will be working in the background to assist them while they take over field trip duties and DMC operations.

I hope that all of the clubs will help them transition into their new jobs by keeping them informed as to new club email addresses and working with them with the scheduling of future DMC field trips hostings.

I am glad that the DMC concept of shared field trips gave a lot of SFMS clubs the ability to attract new members by offering monthly field trips to mineral and fossil locations.
Jim Flora  
Past SFMS Field Trip Chair

MESSAGE FROM LORI CARTER, INCOMING DMC COORDINATOR

We all owe Jim Flora a debt of gratitude for pioneering the DMC field trip sharing program and keeping it successful for 17 years! I hope to continue the success of the program and I will need your help.

Keeping everyone informed of upcoming DMC field trips requires current email addresses. So, if you are not getting DMC emails, just let me know the email addresses for your club and I will update the list. Don’t miss out on these great trips because of outdated email contacts.

Also, member clubs need to be able to announce DMC field trips to their membership in a timely manner, so please submit your field trip form on time (before the 1st of the month before the month of your trip). Then your club can continue sharing DMC field trips and that is good for all of us.

The DMC field trip sharing program has been a tremendous asset to the Southeast Federation and it is the responsibility of all of us to keep it that way.

Lori Carter  
DMC Coordinator  
sfms-dmc@amfed.org  
dmc@gamineral.org

MESSAGE FROM CHARLES CARTER, INCOMING SFMS FIELD TRIP CHAIR

The SFMS has been instrumental in helping clubs in the southeast provide field trips for their members. As I assume SFMS field trip chair responsibility from Jim Flora, I will strive to continue the good work that he has done for so many years.

If you have any ideas for an SFMS field trip, please let me know. Help keep the SFMS field trip program active and vibrant.

Charles Carter  
SFMS Field Trip Chair  
sfms-dmc@amfed.org  
sfms-fieldtrips@gamineral.org

Brad’s Bench Tips

“Bench Tips for Jewelry Making” and “Broom Casting for Creative Jewelry” are available on Amazon

SHARP KNIVES FOR CUTTING MOLDS

Cutting molds is easier and more precise with a sharp blade. A new Xacto blade is sufficient for cutting RTV molds but is usually not sharp enough for vulcanized rubber. For that it’s best to use scalpel blades available from most jewelry supply companies. The #11 blade is triangle shaped, and the #12 is hawksbill shaped. I find the hawksbill is particularly nice for cutting the registration keys of the mold.

USE YOUR THUMB

When using multiple bits in a Foredom, we often have to deal with several different shaft sizes - the usual 3/32 inch burs, the larger 1/8 inch shafts sizes and of course the many different sizes of drills. For some reason I really dislike having to turn the key multiple times to open or close the jaws of the hand piece chuck.

So I have two ways to speed up that task. For opening up the jaws, I just remember "four", the number of turns I have to make to open the chuck just enough from the 3/32 bur shaft size to the larger 1/8 bur shaft size.

For closing the jaws around a smaller shaft, there’s a neat trick. Hold the new bit in the center of the open jaws of the chuck, put your thumb lightly onto the outer toothed collar of the chuck, and gently start up the Foredom. As the chuck turns, it will naturally tighten the jaws around the bur shaft or the drill bit. Then all you have to do is a final tightening with the key.

By the way, we editors do a lot of writing and often never realize how many people are reading and appreciating the effort. Today I was surprised by some feedback.

Way back in 2007, I wrote an article for the inaugural issue of Interweave's Jewelry Artist magazine about broom casting. Last year, a portion of it was reprinted in the company's huge Jewelry Making Daily blog. That was definitely neat, but yesterday I was blown away by their announcement.

My post was named the most popular one of 2015, eight years after the original. Who would have guessed that so many people get a kick out of pouring molten silver into a floor broom. My book on the entire process is available on Amazon at http://amzn.to/1Z6hYws
“Minerals of Georgia” Book Release with Julian C. Gray, Dr. Robert B. Cook and Jose Santamaria

Tellus Museum Members-Only Meet the Authors Reception Thursday, February 04, 2016
5:30 – 6:30 PM
$10 + tax per person
We invite our members to come mingle with the authors of Minerals of Georgia, along with all of the past and present curators of the Weinman Mineral Museum and Tellus Science Museum. This will also be your chance to get an exclusive sneak peek of the exhibit that Tellus will be displaying at the world’s largest gem and mineral show in Tucson, Arizona. This Georgia minerals exhibit features Tellus specimens that appear in the book! Tickets include hors d’oeuvres and a cash bar. RSVP by Friday, January 29 at (770) 606-5700 ext 412.

Thursday, February 04, 2016
7 PM
Members: FREE
Non-Members: Regular Admission

The event for the new book release will include Lectures and a Book Signing. Present at the release will be authors Bob Cook and Julian Gray and editor Jose Santamaria. Lecture by the authors and editor will start at 7 PM.

“Minerals of Georgia” Published by University of Georgia Press

http://www.ugapress.org/index.php/books/index/minerals_of_gerorgia
https://www.facebook.com/Minerals-of-Georgia-166863853667508/

Up and Coming Shows

Feb 6-7—MERRITT ISLAND
32952, FLORIDA: Annual show; Central Brevard Rock and Gem Club, Kiwanis Rec Center; 951 Kiwanis Island Park Rd; Sat. 10:00 am-5:00 pm, Sun. 10:00 am-5:00 pm; Adults $5.00, Children Free under 11 Yrs old; This is our Symphony of Gems, our annual fundraiser for our club. There is a $1 off coupon on our website as well as in the Florida Today newspaper.; contact Roz Mestre, FL, (321) 431-0159; e-mail: roz.mestre@att.net; Web site: www.centralbrevardgems.org

Feb 6-7—DULUTH, GEORGIA: Annual show; Intergalactic Bead Show, Gwinnett Center; 6400 Sugarloaf Pkwy; Sat. 10-5, Sun. 10-5; $5 Admission; Looking for a relaxing way to spend the weekend? Then shop the Intergalactic Bead Show! Intergalactic Bead Shows unites beadiers, jewelry makers and enthusiasts with some of the world’s finest and rarest beads as well as precious stones, gems and finished jewelry from all over the world.; contact Shawnna Whitson; e-mail: Info@beadshows.com; Web site: Beadshows.com

March 11-13—AUGUSTA, GEORGIA: Annual show; Aiken Gem, Mineral & Fossil Society and Augusta Gem and Mineral Society, Julian Smith Casino; 2200 Broad St.; Fri. 10-7, Sat. 10-7, Sun. 11-5; $3 Admission, Children under 12 free; 28th Annual Aiken-Augusta Gem, Mineral & Fossil Show - Vendors that offer a wide variety of jewelry, rare fossils and mineral specimens, gems of all colors shapes & sizes, lapidary and much more. Club Member Show Cases, Lapidary Demonstrations, Educational Resources, Membership booth where you can talk about becoming a club member, Grab Bags, Treasure Dig, Geode Cutting and Mineral Panning. Hourly Door Prizes and a Grand Prize that will be awarded at the end of the Show on Sunday.; contact Chris Glass, GA, 706-284-9239; Web site: www.agams.club and www.aikengmfs.org

May 6-8—MARIETTA, GEORGIA: Annual show; Georgia Mineral Society, Cobb County Civic Center; 548 South Marietta Pkwy SE; Fri. 10-6, Sat. 10-6, Sun. 12-5; Free Admission; The Georgia Mineral Society's 48th Annual Mother's Day Weekend Gem, Mineral, Jewelry, and Fossil Show. Door Prizes! Special door prize for students! Win a great prize for yourself and for your school!; contact Shelley Stubbs, (678)-612-7293; e-mail: mayshow@gamineral.org; Web site: www.gamineral.org
## February 2016

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**Tellus Science Museum**

I-75 Exit 293  
Cartersville, Georgia  
770-606-5700  
[http://tellusmuseum.org/index.htm](http://tellusmuseum.org/index.htm)

All lectures are free for members and included in the cost of museum admission for non-members. Galleries will remain open until the start of the lecture.

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**Fernbank Museum of Natural History**  
76 Clifton Rd. NE,  
Atlanta, GA  
(404)929-6300  
[http://www.fernbankmuseum.org/](http://www.fernbankmuseum.org/)

A few of the Permanent Exhibits:  
A Walk Through Time in Georgia  
Giants of the Mesozoic  
The World of Shells
MEMBERSHIP APPLICATION
The Georgia Mineral Society, Inc.
4138 Steve Reynolds Blvd.
Norcross, GA 30093-3059
www.gamineral.org

Please enter the names of ALL members of your household for whom you desire membership or renewal. Birthdays are optional and used only for a “Happy Birthday” message in the newsletter.

First Name: __________________ Last Name: ____________________ Birthday (month/day) ___/___

Email: ____________________________ Phone: __________________

Partner: __________________ Last Name: ____________________ Birthday (month/day) ___/___

Email: ____________________________ Phone: __________________

Address: _____________________________________________________________

City: ____________________________ State: ______________ Zip+four: _____________

Names, Ages (required), and (optional) Birthdays (mo/day) of children currently living with you (under the age of 18):

All members less than 18 years old are automatically members of the Junior Section

Names and (optional) Birthdays (mo/day) of other adults currently living with you (18 or older):

Dues are $25 per year, due every 12 months from date of joining. Electronic delivery of the newsletter is included in the membership dues. For printed and mailed copies of the newsletter, add $10 per year to your dues payment (total $35) and check here ___ PLEASE MAKE CHECKS PAYABLE TO: THE GEORGIA MINERAL SOCIETY, INC.

All members of the Georgia Mineral Society, Inc. agree to abide by the AFMS code of ethics (www.amfed.org/ethics.htm)