



The purpose of the Gem, Lapidary, and Mineral Society of Montgomery County MD, Inc. is “to increase knowledge and popular interest in earth sciences, geology, mineralogy, paleontology, lapidary arts, and related subjects.”

REGULAR MEETINGS

Next Meeting: September 8, 2014 7:30 PM

There are no meetings scheduled for July or August. The next meeting will be September 8, 7:30 PM at the senior center.

WANTED

Want to help club members expand their opportunities and knowledge? Want to help the club operate smoothly as part of the leadership team? Become the Rockhounder Editor. You can spend 1-2 hours/month to produce the edit and produce the Rockhounder and about 2 hours at Board Meetings.

It is **not** a requirement that you scour the web for new and interesting materials, write articles, or produce an award winning newsletter; we just need someone to assemble the pieces provided by others.

BOARD OF DIRECTORS MEETING

There is no Board of Directors meeting scheduled for July.

PRESIDENT’S MESSAGE:

Hello Fellow Rockhounders

Well happy summer to all our club members and thank you for the good turnout at our June meeting for our first annual auction! There was some nice material available for all budgets and all ages, with a wide variety of offerings. Thanks again for all your support and our volunteers deserve a word of thanks as well.

It’s travel time again, and is your digging gear ready to go? There are so many great mineral collecting daytrips, weekend and full week destinations within easy driving distance from our area. From our club sponsored digs on the weekend, to a trip to the Franklin/Sterling Hill mining district where you can still dig the very minerals that makes the locality world famous. One of my favorite trips has been to the Hiddenite area of North Carolina to sluice for Emeralds, Rubies and many other precious gems. It is exceptionally beautiful country and there are dig sites everywhere! Have you also considered the upcoming Wildacres week in the early fall season? It will be here before we know it.

Do you need something more though, to release your pent-up frustrations on some innocent country rock? How about bashing some basalt in the Herkimer, New York area for their world famous “diamonds”, or more specifically, doubly terminated quartz crystals. Are you in more of a beach-going mood though? Why not collect the tumbled quartz crystals in Cape May, New Jersey instead? Less work, fun in the sun and enjoying the beach AND mineral collecting at the same time. You say it can get no better, but there is more, you might actually even find a tumbled Amethyst crystal there! Very rare but they have been found.

My point is to just get out and enjoy your hobby to the fullest this summer. Grab the kids, family, friends, or head out solo for some downtime for yourself and whoever else comes along. Even if you can’t do an outdoor

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excursion, there are so many fine museums in the area with excellent collections, where you can go and gawk at all of their gorgeous specimens. Just get out there and find it—

Chris Luzier-President ☺

Summer is a great time to pay Your 2014-2015 Membership Dues

Membership chair Doug Baum

GLMSMC membership expires August 31, 2010 and new dues are due by Sept. 1st.

Single membership is \$15 per year, Family membership (defined as up to 2 adults and children under 18 years of age) is \$20 per year. \$5.00 surcharge for late renewals.

We pay dues for EFMLS/AFMS affiliations and over \$3.00 for insurance for each member over 10 years of age so very important when renewing, **list only those** interested in taking part in Society activities.

Please send dues (check or cash to GLMSMC);
Membership Chairman Doug Baum
11205 Golden Meadow Court
Germantown MD 20876-1740
(240) 888-7485 or e-mail dbaum@gazette.net for questions.)

I will mail your membership card(s) back to you if you send me a self addressed stamped envelope; otherwise you may pick up your card(s) at the September meeting.

If your phone number, address, e-mail address, or other vital information has changed, please let us know. **Help by paying your dues on time. DO IT NOW while you are thinking about it!**

JUNE MEETING IN PHOTOS

By Wendell Mohr







NEW MEMBERS
Photo by Wendell Mohr



(The Beatty family)

FUTURE ROCKHOUNDS OF AMERICA (THE MOCKS) Ages 10-15

Mark Dahlman, photos by Wendell Mohr

Next Meeting Date: September 8, 2014 **Meeting Time:** 7:45-9:00pm

Meeting Location: Sunroom Cafeteria at the Rockville Senior Center

June 9th Meeting:



At our June meeting, the MOCKS decided Field Trips, Fossils, and The World in Miniature will be the next three badges we'll work on. The MOCKS also decided to start building a photo book of gems, minerals, and fossils over the summer. This summer's task is to take photos and record specific information about each picture. FRA members, if you were not at the June meeting, please contact Mr. Dahlman for details about how you can contribute to the photo book – it should be fun.



As if that wasn't enough, Mr. Dahlman encouraged the MOCKS to each write an article for the Rockhouser over the summer. The articles do not

April 2014



have to be long, and can be about anything related to our society (your favorite fossil, where you collected this summer, blue gems, etc). Plus, since there are so few junior articles written these days, each author stands a very good chance of winning a regional or national award!

Congratulations to Jonathan Baum, Matthew Keane, and Patrick Keane for earning their Stone Age Tools and Art badges. This spring eight FRA members earned this badge and they will all be awarded at our September meeting.

For more information on the Future Rockhounds of America program, please contact Mark Dahlman at <fra_advisor@glmsmc.com> or 301-428-0455.

MINI MINER NOTES

Linda Smith photos by Wendell Mohr



The Mini Miners had a great time on June 9th showing off their collections. Each member brought in several of their favorite specimens and talked about where they came from, how they collected them and the identification. Many of the specimens were un-identified and we tried to stump Conrad. A lot of the specimens in the collections were obtained from the clubs give-aways at the annual rock show. We also discussed favorite places to collect rocks and fossils in the area. The next Mini Miner meeting will be on September 8, 2014. Conrad and I wish everyone a great summer.

Linda Smith (Tunacat107@aol.com)



FIELD TRIPS

by Jonathan Harris

July 26, 2014 Valley Quarry's Gettysburg Quarry, Gettysburg, PA

Saturday July 26, 7am-11am. Quarry known for zeolite crystals, copper minerals, epidote crystals, and micromounts. Address 1575 Baltimore Pike. Directions Go North on I-270 and follow it to continue North on US-15 past Frederick. In Pennsylvania, take the PA-97/Baltimore St exit, go 0.2 miles. Turn LEFT onto PA-97/Baltimore Pike. Quarry will be 0.8 miles down Baltimore Pike. An Aerial photo shows the quarry on the left, just past where the road crosses Rock Creek. The age limit for this trip is 10 years old; all minors must be carefully supervised by a parent. The quarry manager emphasized to me the importance of staying away from forbidden areas-high walls and dropoffs; adults or children venturing there will get our club blacklisted from this site.

Please email me at least 1 week before the trip if you plan to attend and include the subject of this message in your reply. You must RSVP to me to attend and you must be a GLMSMC member in good standing. You must also agree to our club waiver and any waivers the quarry asks you to sign.

WEBSITES OF INTEREST

By Wendell Mohr



Gold Particles In Tree Leaves Assist Exploration For Buried Gold Deposits, by authors: Melvyn Lintern, Ravi Anand, Chris Ryan & David Paterson, at <<http://www.nature.com/ncomms/2013/131022/ncomms3614/full/ncomms3614.html>> is a rather technical piece. However I think you will find it intriguing that enrichment in gold found in superimposed eucalyptus tree leaves is an indicator for buried gold deposits. The article from Nature Communications expresses some reservations but offer the promise of a unique method for

gold prospecting.

Salt Domes, <<http://geology.com/stories/13/salt-domes/>> covers the geology of these strange formations discussing among other topics, what they are, how large they are, economic importance, source of salt and sulfur, use for underground reservoirs, and where they occur. While on the subject of salt see also another sister site concerning "Salt Glacier" formations: <<http://geology.com/stories/13/salt-glacier/>>



From Wikipedia



Avoiding Ticks and Tickborne Disease, is a timely subject for reading as the summer brings dangers of various maladies. See <<http://geology.com/articles/ticks-lyme-disease/>>. Old fashioned wind-up watches had ticks but you do not need them at all

Centers for Disease

AUDUBON SOCIETY PROGRAMS

Wendell Mohr

From the Audubon Naturalist Society, Naturalist Quarterly, Summer 2014
Register on-line at <www.ANSHome.org/adultnatureprograms>

Geology at Great Falls, MD Saturday, July 12 (8:30 -11 am)

Leader Joe Marx

Members \$20; nonmembers \$28

People in our region find Great Falls both fascinating and perplexing. Arguably our most dramatic landscape feature, its origin and development remain obscure to many. We will take a short and easy walk from the Great Falls Tavern Visitor Center to the bedrock of the Great Falls. The round trip of about a mile. During the walk, we will discuss how tectonic collisions hundreds of millions of years ago and how the waxing and waning of the ice sheets led to the much more recent creation of the falls. There should even be time to examine the flow path.



Centers for Disease Control

Georgetown Geology Loop Hike Sunday, September 21 (9 am -1 pm)

Leader Joe Marx

Members \$24; nonmembers \$34

The Georgetown section of Washington, DC sits squarely on a mass of ancient granite, surrounded by various other types and ages of rock. Our hike will be about 5 miles long, through wooded parkland and along city streets. The terrain is easy to moderate, with hills being the biggest challenge. During our hike, we will visit the Coastal Plain, three canyons, the Piedmont upland, and a major fault zone. Not bad for a walk around town. (Note: this

hike will move at a faster pace than our usual naturalists' shuffle.)

EVENTS OF INTEREST

- **JULY 1-3, 2014** – Rockville City Camps, Croydon Creek Nature Center, Geology, 9:00 AM – 12:00 PM, camp number #46243; register at <http://bit.ly/1kaoWjY>.
- **JULY 7-18, 2014** – Bullis School Summer Programs, Geology 8:45 – 10:45 AM and July 21 to August 1, Geology - 1:30 – 3:30 PM; register at <http://www.bullis.org/summer-programs/>.
- **JULY 12, 2014** – Audubon Naturalist Society: Geology at Great Falls MD, 8:30 – 11:00 AM; Leader Joe Marx; details and registration contact at <ANShome.org/adultnatureprograms>.
- **AUG 2, 2014** - Morris Museum Mineralogical Society, 20th Annual Gem, Mineral, and Fossil Sale, Delbarton School, Morristown NJ. Info: John Sanfacon, [201-787-0545](tel:201-787-0545).
- **Aug 8-10, 2014** -- East Coast Gem, Mineral, and Fossil Show (Commercial show), at Better Living Center, Eastern States Exposition, 1305 Memorial Avenue., West Springfield MA. Info.: www.mzexpos.com
- **AUGUST 15-17, 2014** – Gem Miners Jubilee, Lebanon Expo Center, Friday 10:00 AM – 6:00 PM, Saturday 10:00 AM – 6:00 PM, Sunday 10:00 AM – 4:00 PM, Lebanon, PA, www.gem-show.com.
- **Sep. 13-14, 2014** -- 49th Annual Gem, Mineral, Jewelry Show of the Central PA Rock & Mineral Club, at Zembo Shrine, 3rd and Division Streets, Harrisburg PA. Info.: <http://rockandmineral.org>
- **Sep. 21** – Audubon Naturalist Society: Georgetown Geology Loop Hike Sunday, September 21 (9 am -1 pm) Leader Joe Marx. details and registration contact at <ANShome.org/adultnatureprograms>
- Members \$24; nonmembers \$34
- **Sep 27-28, 2014** -- 50th Annual Atlantic Coast Gem, Mineral, & Jewelry Show sponsored by the Gem Cutters Guild of Baltimore, Howard County Fairgrounds, I-70 at MD 32. Info.: www.gemcuttersguild.com
- **Nov 1-2, 2014** -- 45th Gemarama by the Tuscarora Lapidary Society, at CFS, The School at Church Farm, 1001 E. Lincoln Hwy, Exton PA 19431/ Info.: www.lapidary.org
- **Nov 22-23, 2014** – Northern Virginia Mineral Club, Annual show, George Mason University, Fairfax, VA.

If you are planning a trip and want to know what clubs you might be able to visit, it would be worthwhile to visit the American Federation of Mineralogical Societies website. Check out their newsletter archives at <http://www.amfed.org/news/default.htm>.



BOARD OF DIRECTORS

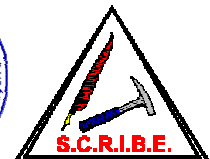
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Bulletin Editor– Needed

Life Members: Larry Harrison, Wendell Mohr, and Juan Proaño

Society Address: Gem, Lapidary, and Mineral Society of Montgomery County MD., Inc.
P. O. Box 444, Gaithersburg MD 20884-0444; Web Site: <http://www.glmsmc.com/>
All Society correspondence is to be sent to this address except that which is intended for the *Rockhounder* and its editor. Such items are to be sent to the editor's email address – kristinlolmaugh@gmail.com

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Award Winning Bulletin
EFMLS, AFMS



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THE ROCKHOUNDER
Gem, Lapidary, and Mineral Society
of Montgomery County, MD, Inc.