



The Rockhounder

September 2017

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.”

NOTE: Please send any submissions for the October issue of The Rockhounder to Editor Olivia Luzier at editor@glmsmc.com By Monday, September 25, 2017.

Regular Meeting Announcements

Gary Leaman, Vice President

September Speaker Information:

September Speaker:

Scott Sprague and Ed Parshley

Title of Talk:

Scott: My Experiences Finding Diamonds at Crater of Diamonds State Park

Ed: My Experiences Finding Quartz Crystals in Arkansas

Scott Sprague, from the Central Maryland GPPA Club in New Market, has been to the Crater of Diamonds State Park many times and has found 4 diamonds. Scott will be discussing the mine, things to bring, and finding diamonds in Arkansas.

Crater of Diamonds is a state park that offers visitors a unique adventure of hunting for real diamonds. The park is over 37 ½-acres of plowed field of eroded surface that is the world's eighth largest diamond-bearing volcanic crater. The best part of this visit is that if you find a diamond, it is yours to keep.

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Next Regular Meeting:

Date: Monday, Sept. 11, 2017

Time: 7:30 PM

Place:

Rockville Senior Center,
1150 Carnation Drive
Rockville, MD

Next Board of Directors Meeting:

The Board of Directors will meet **7:30 PM** on **Monday, Sept. 18, 2017** at the home of Jonathan Harris. Board members are expected to be there. Any member is welcome to attend, but please let Jonathan know if you plan to attend.

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Speaker Information (Cont'd)

Gary Leaman

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There are three colors of diamonds found at the park: white, brown, and yellow. Amethyst, garnet, jasper, agate, quartz, and many more rocks and minerals are also found at the park. The park staff at the Diamond Discovery Center can provide free identification and certification of diamonds, rocks and minerals.

For more information on the Crater of Diamonds State Park, see:

<http://www.craterofdiamondsstatepark.com/>

Mailing Address:

Crater of Diamonds State Park
209 State Park Road
Murfreesboro, AR 71958

Ed Parshley, also from the Central Maryland GPPA Club in New Market, has been to different Arkansas quartz mines and digging areas. Ed will be discussing his experiences digging quartz and other rocks and minerals.

One of the crystal rockhounding mines that is close to the diamond mine park is in the heart of the Ouachita Mountains in Mount Ida, Arkansas.

Here is information on the Crystal Seen Trading Co., one of the crystal digging sites I have looked at:

<http://www.crystalseen.com/>

Mailing Address:

Crystal Seen Trading Co
2568 Hyw 270 E
Mount Ida, AR 71957



President's Message

Jonathan G. Harris

Hello rockhounds and artists.

New Trailer

Joel Rosen has diligently maintained and managed the trailer that stores our critical show-related supplies. However, the trailer, now closing in on its 30th birthday, has reached the point where it is costly to maintain for our usage. Joel has found and arranged the purchase of its replacement. We don't yet have a delivery date; but be on the lookout for a special gathering to initiate the new trailer into the club by moving our cases and other show materials into it. A great thanks to Joel for keeping on top of this situation and finding the new trailer.

Old Trailer—For Sale

We will no longer need the old trailer; however, we expect that others can use it. It is a 1988 22-foot by 8.5-foot cargo trailer in fair condition.

Please contact Joel (jrosenii@yahoo.com) for further information.

Chance to Obtain High Grade Material

Need more beautiful material? We will be having an auction on the morning of Saturday, October 14 at the Rockville Senior Center. It will feature many beautiful pieces of lapidary material and mineral specimens.

Of course, get ready for the fall round of field trips. Finally, I should mention it is a great time to visit the air conditioned world class museums in our area. The Smithsonian features one of the top mineral collections in the world. The [Calvert Marine Museum](#) features exhibits on the fossils from our world famous Calvert Cliffs.

A Home for a Wonderful Donation

The [Natural History Society of Maryland](#) and [Calvert Marine Museum](#) will get additional fossils to enhance their collection. This is due to the hard work and expertise of Chris Luzier and the generous donation to the GLMSMC by Brenda Anna, Steven Kimbell, and Stephanie Mendenhall. The family donated the collection of Maryland fossils by their father Charles Lee Kimbell.

Brenda, representing the family, reached out to us via our website. When we met with Brenda, we found that each specimen was meticulously labeled and catalogued with index cards giving information about the species, when and where collected, and a wealth of other information. Most of the specimens were collected by Mr. Kimbell in the late 1940s and early 1950s. Thanks to

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President's Message

Jonathan G. Harris

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Mr. Kimbell's careful efforts at preservation and documentation, this collection would be of great educational and scientific value in the right hands.

Chris, who has considerable expertise in Calvert Cliff's fossils, recognized the value of certain unique specimens and the extensive documentation of the collection. This scientific and educational value could not be realized by an auction. Chris reached out to the [Natural History Society of Maryland](#), which maintains a collection of Maryland fossils and works closely with the Calvert Marine Museum, and found that both institutions could use the specimens in the collection. We are thus donating the specimens to the Maryland [Natural History Society of Maryland](#) which will share specimens with the [Calvert Marine Museum](#).

New Field Trips

Please check our Field Trip Chairman Dave Fryauff's message and watch your email for new field trip announcements. Our pilgrimage to the Kyanite mine at Willis Mountain is September 23, 2017.

Finally, as our membership year starts September 1, please renew your membership now. Timely renewals are less effort for all involved. See Membership Chair Doug Baum's notice for details.

A Message from Our Membership Chair

Doug Baum

Thank you to over 25 members who have already sent me their annual dues. If you have not, please try to mail me \$20 for families and \$15 for individuals (cash or check made out to GLMSMC). Send a self addressed envelope and I will mail your membership cards the first week of September.

Send to:

Douglas Baum
11205 Golden Meadow Court
Germantown, Maryland 20876



GLMSMC Regular Meeting Minutes

There was no regular meeting for July or August.

GLMSMC Board Meeting Minutes

There was no Board of Directors Meeting for July or August.

Future Rockhounds of America (The MOCKS) Ages 10-15

Mark Dahlman

Next Meeting Date: September 11

Meeting Time: 7:45-9:00pm

Meeting Location: Sunroom Cafeteria at the Rockville Senior Center

June 12th Meeting:

At our June meeting, Mrs. Holly McNeil led a discussion and exercise about sedimentary rocks. The exercises are part of the Earth Processes badge, which covers the rock cycle and the three types of rocks: igneous, sedimentary, and metamorphic. Thanks to Mrs. McNeil for showing us how to identify the diverse types of sedimentary rocks!

September 11th Meeting:

Continuing our work on the Earth Processes badge, Mrs. McNeil will present metamorphic rocks to the group. Come and learn about the various kinds of metamorphic rocks and how they formed. Bring a friend if you'd like. See you at the meeting!

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



Show Table for June 12, 2017

Editor's Note: This should have been published in the July-August Rockhounder.

** denotes self-collected

Name	Mineral	Place
Jonathan Harris	Prehnite	Vulcan Quarry, Manassas, VA
	Mordenite, Chabazite	Vulcan Quarry, Manassas, VA
Gerald Elgert	**Trace fossil, Allophycus(?)	Pennsylvania
Carro Hinderstein	Tiffany Stone	Bryce Canyon, UT
	Meteorite (?)	N. Georgia
	Quartz- 5 sides	Mt. Ida, Arkansas
Steve Parker	Wavellite	National Limestone #2
Steve Calamuci	Emerald	Crabtree Mine, NC
	Gold	Cummings, GA
Gary Leaman	Smoky Quartz Geode	_____
Diane Leaman	Geode	Richardson Farms
Chuck Hyland	Calcite/Quartz crystals	Florida
Dave Fryauff	Various from Mt. Pleasant Mills & Vulcan Manassas	Manassas, VA & Mt. Pleasant Mills, PA
George Durland	Esperite, Hardystonite, Willemite, Calcite	
	Margarosanite, Microcline	Franklin, NJ
Don Greaves	Stromatolite	Morocco
King Stablein	"Moqui Marbles"	_____
	Ironstone sand concretion	_____
Tom Dushel	Rocks	Rwanda
Chris Luzier	Green Willemite (Gemmy)	Franklin, NJ
Chuck Mason	Fairburn Agate	South Dakota
Joel Rosen	Opalite (Common Opal)	Duncan, AZ

Door Prizes

Show Table: Gypsum from Chihuahua, Mexico

Gerald Elgert

General: Calcite from Rio Grande du Sol, Brazil

Karen Lottes



Upcoming Field Trips

Dave Fryauff

- **Willis Mountain Kyanite Mine: *September 23, 2017 from 9 AM-1 PM***

OFFICIAL COMBINED MINERAL COLLECTING FIELD TRIP
THE GEM AND MINERAL SOCIETY OF LYNCHBURG, VA INC. (HOST)
AND
THE ROANOKE VALLEY MINERAL AND GEM SOCIETY INC. (HOST)

An official Field trip of the Gem, Lapidary, and Mineral Society of Montgomery County, MD

KYANITE MINING CORP. DILLWYN, VA. ANNUAL FIELD TRIP
WILLIS MOUNTAIN KYANITE MINE

September 23, 2017
9:00AM to 1 PM

If the mine is working, we may have to limit our collecting areas. There is a limit of 150 collectors from all clubs for this event so there will be room for everyone.

SAFETY: Everyone must arrive at the office parking lot ***no later than 8:30AM*** to sign the release form and hear the required safety briefing. ***Each Club field trip leader, or their appointed replacement, will act as safety observer while in the mine and will be expected to be on the lookout for and correct all safety infractions from any collector from any club.*** Keep in mind that this site is one of the very few that are still open for collecting. ***Not obeying all the safety rules will cause this site to be closed to all future collecting.***

GENERAL LOCATION and ASSEMBLY TIME: Everyone will meet at the mine office for sign-in and safety instruction so be there ***no later than 8:30am***. The mine is located north of Farmville, Va. on Rt. 15 North, James Madison Highway. Proceed from US 460 North on Rt. 15 for a little over 12 miles to Willis Mt. Plant Rd. The stone mine office is on the right. If you approach from Rt. 60 at Sprouses Corner, then go south on Rt. 15 for 4 miles to Willis Mt. Plant Rd. and the office will be on your left. Wait in the parking lot and do not block traffic. Many trucks may be using the road. While you're waiting, be sure to enjoy the beautiful blue kyanite bolder in the front yard from the old closed Baker Mountain.

COLLECTING: Willis Mountain is what's known as a monadnock. The kyanite exposure resisted weathering and, as the surrounding area was eroded and weathered away, the mountain outcrop was left standing. This is very much like the famous Graves Mountain kyanite mine in Georgia. The



Upcoming Field Trips

Dave Fryauff

center of the mountain has been mostly mined away. We should be able to find plenty of white kyanite blades in the massive kyanite quartzite; pyrite; quartz; hematite with some iridescence, red mica, green mica, apatite and possibly some blue kyanite and pale green trolleite. Some of the white kyanite and quartz here have a beautiful light blue fluorescence and the apatite is yellow so bring your short wave lamp and blackout cloth.

EQUIPMENT: *The standard quarry safety gear required is a hard hats with a mfg. date of 5 years or less (everyone must have an approved hard hat....no bicycle helmets. Small heads can wear a ball cap under the hard hat), safety glasses, respiratory protection from rock dust you may encounter, a pair of wheel chocks ether purchased, home made or even a rock is acceptable. Every time you leave the car, turn off the engine, put in park and apply the hand brake and wheel chocks. ONLY STEEL OR MSHA (Federal Mine Safety and Health Act) APPROVED REINFORCED FIBERGLASS TOED BOOTS WILL BE ALLOWED, THERE WILL BE NO EXCEPTIONS!!! No low quarters or sneakers even if they have steel or composite toes . If you do not have all the required safety equipment, you will not be allowed to enter the quarry.* Also required are long pants, gloves, hammer and chisels, wrapping paper, buckets, water as It is very important to stay hydrated as it may be very hot. *If you have any medical condition that would put you in any danger, do not attempt this trip. For your own safety, let your field trip leader or collecting buddy know if you have any medical condition that could be a problem for you.* Be prepared for windy, hot or wet weather. We will be on the mountain top and it's always windy. We can drive to the designated collecting area, so hand trucks should not be needed. Bring a camera, as the view is awesome.

AFTER THE DIG SOCIAL: This year, the pavilion beside the office will be available immediately after the dig ends at 1PM to relax, cool off, and eat your lunch. This will also be a social get-together so that we can have a chance to become better acquainted with the members of our rock club neighbors and to provide some time to relax before their long ride home. You might want to bring your own lawn chair. There may also be other groups there as invited guests of Kyanite Mining.

AGE LIMIT: There is no age limit, but no toddlers please. *All children must be signed for, closely supervised by an adult, and never left unattended. They must also have all the required safety equipment. No Exceptions!!!* If parents have any questions about what is acceptable for your child, please call me and we will discuss it.

WEATHER: The trip will be canceled due to safety concerns in case of hard rain or a thunderstorm. Call to confirm if there is any question.

CONTACT: David Callahan, Phone: 540-297-1853, Cell: 540-874-5201 (day of trip only please)
Field Trip Chairman for the Lynchburg and Roanoke Clubs, Email: dbcalls1@aol.com
Websites: www.LynchburgRockClub.org and www.rvmgs.org



Upcoming Shows

61st Annual Franklin-Sterling Gem & Mineral Show: NEW LOCATION

September 23 @ 9:00 a.m. - 6:00 p.m.



Held at a new location, Littell Community Center (formerly the Franklin Armory), this 2-Day Show includes both indoor and outdoor dealers in minerals, fossils, gems, and jewelry.

INDOOR SHOW

Saturday: 9:00 a.m. – 5:00 p.m.

Sunday: 10:00 a.m. – 4:00 p.m.

OUTDOOR SHOW

Saturday: 9:00 a.m. – 6:00 p.m.

Sunday: 10:00 a.m. – 5:00 p.m.

Admission \$7.00 adults / \$4.00 children (ages 6-16).

Gem, Mineral & Jewelry Show

sponsored by the Central PA Rock & Mineral Club.

September 16-17, 2017

Zembo Shrine, Third & Division Sts; Harrisburg, PA

Contact: Betsy Oberheim at aoberheim3@comcast.net



Upcoming Shows

**27th Annual ULTRAVIOLATION
Fluorescent Mineral Show**

Saturday, October 21, 2017

A show-swap-sell sessions featuring fluorescent minerals

First United Methodist Church

840 Trenton Road,

Fairless Hills, PA

9:00 AM- 4:00 PM

\$2 donation

"If your rocks don't glow, you're at the wrong show!"

Table space available

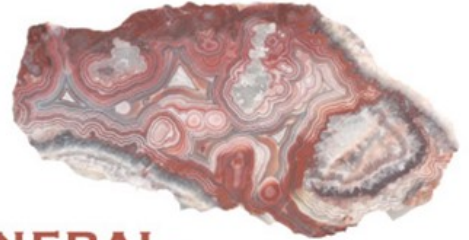
For information, call 856-663-1383 or email ultraviolation@yahoo.com



Upcoming Shows (Cont'd)



**Gem Cutters Guild
of Baltimore**
presents



**ATLANTIC COAST GEM, MINERAL,
JEWELRY, AND FOSSIL SHOW 2017**

**SATURDAY SEPT 23RD 10AM-6PM
SUNDAY SEPT 24TH 10AM-5PM
HOWARD COUNTY FAIRGROUND**



**45th Annual Gem & Mineral Show and EFMLS Annual
Convention**

hosted by the Bristol Gem & Mineral Club.

October 21-22, 2017

Location and details to be announced shortly. EFMLS meeting, Friday,
October 20.

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

President – Jonathan Harris, 11932 Goya Drive, Potomac, MD 20854-3313, (301-545- 0808)

Vice President – Gary Leaman, 7524 Cinnabar Terrace, Gaithersburg, MD 20879-4577,
(301-963-3702)

Secretary – Jeff Cessna, 12116 Cliftdale Drive, Silver Spring, MD 20904-1941, (301-680-7963)

Treasurer – Tom Dushel, 108 Berrywood Drive, Severna Park MD 21146-2004, (443-514-6734)

Field Trip Chairman – Dave Fryauff, 24109 Sugar Cane Lane, Laytonsville MD 20882-4031,
(301-253-1687)

Membership Chairman – Doug Baum, 11205 Golden Meadow Ct., Germantown, MD 20876-1740,
(301-515-4641)

Downstairs Showchair – Holly McNeil, 22 South Duke Street, Rockville, MD, 20850-1014,
(301-605-7179)

Upstairs Showchair – Dave Tiktinsky, 9209 Laurel Oak Drive, Bethesda, MD 20817-1937,
(301-365-2812)

Property Manager – Joel Rosen, 833 Rampart Way, Union Bridge, MD 21791-9325, (410-775-7937)

Immediate Past President – Chris Luzier, 847 Springdale Drive, Millersville, MD, 21108-1436,
(443-995-5363)

EFMLS Liaison – Wendell Mohr, 9509 Emory Grove Road, Gaithersburg, MD 20877-3501,
(301-926-7190)

Bulletin Editor– Olivia Luzier, 847 Springdale Drive, Millersville, MD 21108-1436
(editor@glmsmc.com)

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

Society Address: Gem, Lapidary, and Mineral Society of Montgomery County MD., Inc.

P. O. Box 444, Gaithersburg MD 20884-0444

Website: <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 at editor@glmsmc.com.

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Award Winning Bulletin
EFMLS, AFMS



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