



# The Rockhounder

May 2018

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 June issue of The Rockhounder to Editor Olivia Luzier at [editor@glmsmc.com](mailto:editor@glmsmc.com) by Sunday, May 27th, 2018.

## Regular Meeting Announcements

Steven Calamuci, Vice President

### April Speaker

#### Information:

**Speaker:** Frank Roddy

**Title of Talk:**

“Ice Age Floods”

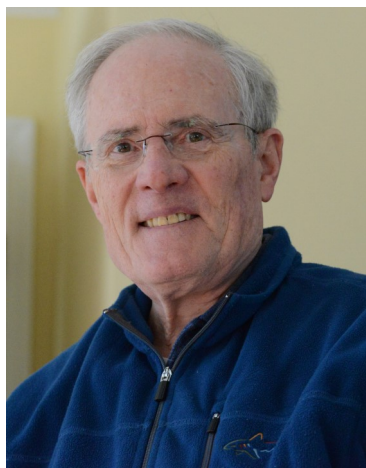


Photo Credit: Wyatt Roddy, Courtesy of Frank Roddy

About a century ago, J. Harlen Bretz, a young geologist, noted some very unusual geological formations in the Pacific Northwest that seemingly defied natural explanations. Water flowed uphill; strange boulders were found high on the sides of mountains; giant ripples were found in sandy areas; all of the topsoil was missing from large areas of the Northwestern states; shelves appeared on the mountainside overlooking Missoula, Montana; many layers of sediment were found high above the rivers; peculiar hills occurred between mountain ranges; something had suddenly killed off humans, mammoths, and early relatives of rhinoceri, horses, and camels. What could this all mean? Didn't the geology of rivers such as the Colorado form the

*Continued on page 2*

#### Next Regular Meeting:

**Date:**  
Monday,  
May 14, 2018

**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, May 21, 2018** 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.

#### Inside this issue:

Item	Page
Meeting Announcements, Speaker Info	1
President's Message	2
Regular Meeting Minutes	4
BOD Meeting Minutes	6
FRA Meeting Minutes	7
Show Table for April 9 Reg. Meeting	8
Pictures from April 9 Reg. Meeting	10
Upcoming Shows	11



## Speaker Information (Cont'd)

*Continued from page 1*

Grand Canyon by slowly eroding the land over billions of years? How could these weird things in the Northwest happen?

The answer took most of Bretz's life to convince other geologists that there were catastrophic floods at the end of the last ice age, caused by the failure of glacial ice dams forming lakes as the ice melted at the end of the last ice age. The lakes finally got sufficiently deep enough that they floated the ice dams and caused the dams to break up, leading to enormous floods of unbelievable proportions in modern day experience. These floods obliterated the landscape, humans, and animals downstream. The size of the flood waves were so large that they made water appear to go uphill, carry large boulders on icebergs, create giant ripples, sweep away the topsoil, climb over lower mountains, etc. Apparently, these floods occurred in days, not eons, and apparently reoccurred as many as 100 times.

Frank Roddy, the President of the Gem, Lapidary and Mineral Society of Leisure World, will be giving a talk describing these ice age floods and showing pictures of the various phenomena caused by the floods. Frank and his wife, Elizabeth, have resided at Leisure World for four years after returning from the Pacific Northwest where Frank worked for the Federal government and became interested in the geology of the Northwest area. Frank and Elizabeth joined the GLMSMC last year. Their grandson, Luke, is one of the children in the GLMSMC junior group, the MOCKS.



A view of Dry Falls as it might have looked about 13,000 years ago, during the last flood.

*An artist's concept of the Dry Falls on the Columbia River; courtesy of Frank Roddy*



**Dry Falls**

*Photo Credit: Frank Roddy  
Photo of Dry Falls, courtesy of Frank Roddy*



## **President's Message**

Ken Reynolds

Hello Rockhounds,

April has certainly been a very busy month for our club. We had a very successful auction on April 14th and I was happy to see things go smoothly, as well as having the opportunity to add some very nice specimens to my collection. It was so fun to see Dr. Jeffrey Post come to preview the material prior to the auction. I personally had a chance to walk around with him, checking all the specimens for fluorescence with my convoy UV light. What an exciting experience for me!!

Our regular meeting on April 9th enjoyed the opportunity to learn about Amber from Poland and the 1,000 year old salt mines as well. Our speaker, Denise Nelson, gave us a very enjoyable talk on her voyages and personal experiences touring Poland's mines and museums!

The month of April isn't over yet. As I write this Presidents message, I am preparing for my trip to Franklin New Jersey for the Super Digg ([superdig.com](http://superdig.com)) on April 28th and 29th. I can't wait! I signed up to dig in the Mill Site material and plan on taking a tour with Dr. Earl Verbeek, the resident geologist of the famed Trotter Dump and the Buckwheat Dump. All of these areas are on private property and typically off limits, so this is a special opportunity!!

With all the great things happening with our club, there is also some sad news. Andy Celmer announced that he is stepping down as leader and chief of the Lapidary Shop at our Annual Show. This is very sad news for our club because Andy has done such a great job for years and his leadership will surely be missed.

Our club is in need of a new leader to spearhead the Lapidary Shop for next year's show. Please let us know if you are interested in the job!!

Cheers and looking forward to seeing you all in May.

Ken Reynolds,  
President



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## GLMSMC Regular Meeting Minutes for April 9, 2018

Karen Lottes

Ken Reynolds brought the meeting to order at 7:45 PM. There were 46 members in attendance.

Mark presented the Gold Panning badge to Colin, who had been absent in March.

### Show Reports

- Chris thanked everyone who helped. The show had over 2,000 in attendance and was a great fundraiser for the club.
- Andy expressed a special thank you to Reed Owens who designed a new registration system for the Lapidary Shop and an informational Powerpoint presentation for people to watch while they were waiting their turn.
- Joel thanked everyone for the help unloading and loading the trailer. A special thanks to Frank Roddy and Robert Busby for doing the downstairs wiring and Conrad Smith for helping with the upstairs wiring.

### Field Trips—Dave Fryauff

- There is an April 21st field trip to Vulcan Manassas Quarry. We will be guests of the Southern Maryland group. We need to be at the quarry by 7:15 AM.

### Treasurer's Report—Holly McNeil

- The show netted about \$5,000, which covers the rest of the club's expenses for the year.
- We have put in a contract for next year's show so mark your calendars: March 16-17, 2019.

### Auction—Dave Tiktinsky

- The first auction of the Rockville Collection is this Saturday, April 14. Viewing is at 9:00 AM and the auction starts at 10 AM.
- If anyone wants to help with the set-up on Friday, please let him know.

### Meeting Minutes

- No changes to last month's minutes.
- Motion to accept minutes. Seconded. Minutes accepted.

### Program—Steve Calamuci

- Steve introduced this month's speaker, Denise Nelson, and her talk on "Poland's Treasures: Amber & Salt."

*Continued on page 5*



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## GLMSMC Regular Meeting Minutes for April 9, 2018

*Continued from page 4*

### **Program (Cont'd):**

- Denise Nelson gave a travelogue talk on her travels through Poland into the Czech Republic and Austria. She focused on the amber found in northern Poland along the Baltic and the salt mines in southern Poland, with the Wielicska Salt Mine in particular.
- Amber can be found washed up on the beaches along the Baltic Sea. It looks much like phosphorous, which can also be found on the beaches. This is very old amber, older than the material coming out of other locations. It came from the ancient pine forests that were once where the ocean is now.
- The amber comes in a variety of colors. You can also find heat treated amber. Amber should be stored where it can breathe and there is some moisture.
- The Wieliczka Salt Mine in southern Poland is made up of salt deposits left after the oceans pulled away. Salt mining probably started in the area as early as 1250. Wielicska was mined for hundreds of years. Now it is a tourist destination and you can go down into the mine, which is quite deep.
- Her final topic of the talk was the Amethyst Welt in Maissau, Austria. This was once the largest amethyst mine. A long vein of amethyst has been left in place so visitors can see what it looks like.

Meeting adjourned at 9:55 PM.

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[https://www.facebook.com/  
groups/984241208329511/](https://www.facebook.com/groups/984241208329511/)



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## GLMSMC BOD Meeting Minutes for April 16, 2018

Karen Lottes

Board members present: Gary, Doug, Joel, Chris, Andy, Holly, Jonathan, Ken, and Karen.

### Lapidary Shop Discussion

- There was an extensive discussion over the viability of continuing with the lapidary shop. It is the part of the show that requires the most volunteers and resources.
- It is also a unique activity in the show. No other show offers this opportunity. It also has a high experience value for the people who participate.
- Motion to close the Lapidary Shop and not run it in the 2019 show. No second.
- Andy has said he can't run the shop next year. Gary and Karen said they would work as a committee and see if Reed would help.
- There was additional discussion about the machines used in the shop. They are probably 50 years or older. Gary will see if he can overhaul one so they run better.

### Auction

- The auction was better than we had anticipated. The club made a little over \$4,800. It took on average 1.5 minutes per flat.

### Taxes

- Taxes have been filed for 2017.
- Jonathan agreed to do the financial review for 2017

### Show

- There was some discussion about security issues for the show. We are thinking about what we can improve next year.
- There was also discussion about how we can use social media more effectively to promote the show.
- Supplies: we need another 8-10' ladder.
- Door Prizes: new purchase forms work great.

*Continued on page 7*



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## GLMSMC BOD Meeting Minutes for April 16, 2018

*Continued from page 6*

### Show (Cont'd)

- There are two missing case fronts that will need to be replaced. Joel has a glass shop in Westminster that he suggested using.
- ACTION ITEM: Joel will order the case fronts.

### Membership

- Motion to make a new membership category: HONORARY MEMBER. Seconded. Passed.
- Motion to make Dr. Jeffrey Post and Mike Wise honorary members (this means they will be covered under our insurance for club activities as well). Seconded. Passed.
- Is the membership application on the website? We need to get it there.

### Special Thank You

- The club wanted to express a special thank you to the Gold Panning group. They were not only a tremendous demonstration at the show, but some of their members also donated to the club.

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

Mark Dahlman

**Next Meeting Date:** May 14      **Meeting Time:** 7:45-9:00 PM

**Meeting Location:** Sunroom Cafeteria at the Rockville Senior Center

### April 9th Meeting:

Congratulations to Jennifer Weiss for completing the requirements of the Leadership badge—she has really earned it! We started the Collecting badge in April. Thanks to Mr. Luzier for his presentation on labeling and cataloging rocks. It's inspiring to see what a good catalog looks like. We also selected and labeled some very nice specimens donated to us by Patrick Haynes, who sent them from New Mexico. Mr. Haynes has certainly been very generous to us over the years.

*Continued on page 8*



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

*Continued from page 7*

### May 14th Meeting:

We'll start our May meeting by presenting the Leadership badge to Jennifer Weiss. Mr. Luzier will show us the appropriate labels for fossils, then we'll look at the collections of at least 10 well-labeled items that FRA members care to show off. To earn the Collecting badge, FRA members need to bring 10 labeled rocks, fossils, or lapidary items (or photos of the items and their labels if they are too big to bring). We'll conclude the Collecting badge and have our door prize drawings as usual. It should be a good meeting—see you there!

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

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### Show Table for April 9th Regular Meeting

\*\* denotes self-collected

NAME	SPECIMEN	LOCALITY
Priscilla Quackenbush	Sea treasures	Cocoa Beach, Florida
Pam Ogasawara	3 Amber necklaces	St. Petersburg, Russia
Ken Reynolds	Willemite/Sphalerite	Sterling Hill Mine, New Jersey
	Benitoite xls	California
	Uvarovite & Garnet	Unknown
Doug Baum	Labradorite	Madagascar
Germaine Broussard	Granite/Garnets	Rock Hill, North Carolina
	ID Unknown (Pink)	Warfordsburg
	Mica etc.	Anderson, South Carolina
	ID Unknown (Yellow/Black)	Roaring Spring
	Biotite	Rock Hill, South Carolina
	Unknown	Penfield
	Pink material	North Carolina

*Continued on page 9*





Show Table for April 9th Regular Meeting

Continued from page 8

\*\* denotes self-collected

NAME	SPECIMEN	LOCALITY
Germaine Broussard	Pretty rocks	Warrenton Airport
	Granite?	Colonial Heights
	ID Unknown (Purple)	Warrenton
Diane Leaman	Aquamarine	Pakasta
	Mammoth tooth fossil	Florida
Gary Leaman	Agate golf balls	China
King Stablein	Salt figures	Cardona, Spain
Don Greaves	Rutilated Quartz	Brazil
Steve Calamuci	Obsidian, Banded	Oregon
	Beryl, Aquamarine	China
Dave Fryauff	Anglesite	Arizona
	Calcite	Wyoming
	Wollastonite	California
George Durland	Clinohedrite & friends	Franklin, New Jersey
	Hemimorphite	Sterling Hill Mine, New Jersey
Joel Rosen	Fluorapophyllite	Nasik District, India
	Sphalerite w/ Galena	Pitcher, Oklahoma

**Door Prizes:**

**General Door Prize:** *Green Apophyllite from Pune District, Maharashtra, India*

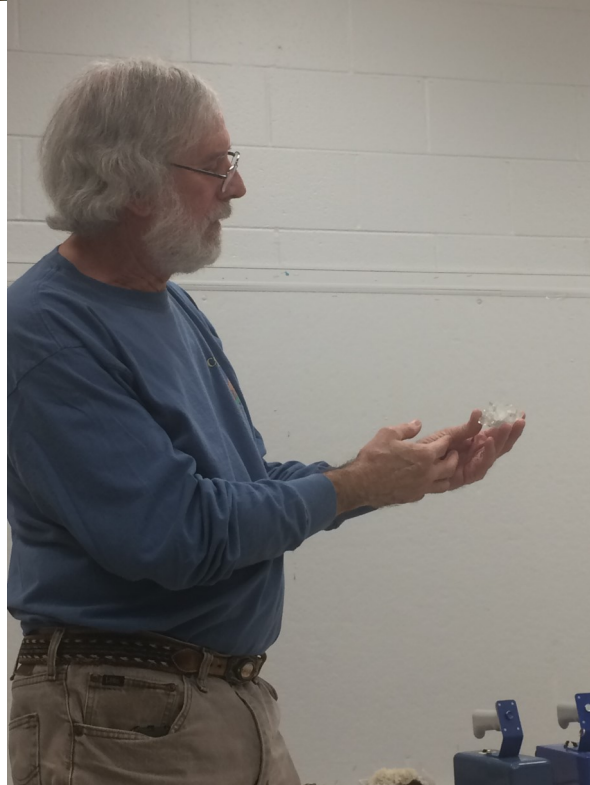
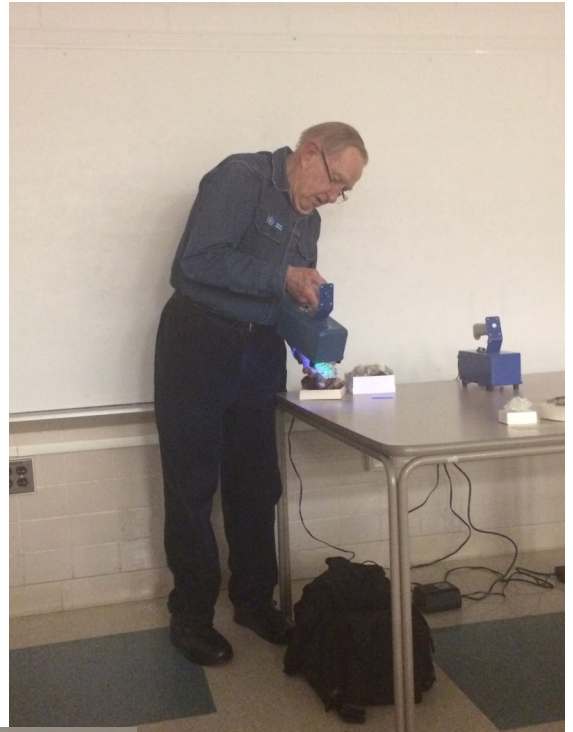
Won by Priscilla Quackenbush

**Show Table Door Prize:** *Rhodochrosite/Quartz from Sunnyside Mine, San Juan Co., Silverton, Colorado*

Won by George Durland



Pictures from April 9th Regular Meeting



Pictures courtesy of Holly McNeil

*Continued on page 11*



Upcoming Shows



29th Annual

**Chesapeake  
Gem, Mineral, Jewelry & Fossil Show**

**Saturday, May 19, 2018 10 AM – 4 PM**

**Parkville Armory - Parkville, MD**

**FREE ADMISSION**

**Top Mineral Dealers, Original Jewelry, Fossils,  
Cutting Materials, Silent Auctions, Door Prizes**

Directions: Take I-695 (Baltimore Beltway)  
to exit 32 North-Belair Road . Rt. 1)  
Proceed 2 lights to Rossville Blvd. Turn left at Putty Hill Rd.  
Parkville Armory is on the left.



Upcoming Shows (Cont'd)

**SOUTH PENN ROCK & MINERAL 33rd ANNUAL SWAP & SALE**

**Saturday May 12, 2018 from 8 AM to 3 PM**

South Mountain Fairgrounds, 615 Narrows Road, Biglerville PA 17307

General Admission: \$1

Students free

Sponsored by Central Pennsylvania and Franklin County  
Rock & Mineral Clubs

Pavilion in forest area-unheated

Food stand

Trade, sale, buy, talk, educate children! Lots of fun!!

To setup: \$5 per table inside or \$5 to setup outside (weather permitting)

Contact [tsmith1012@comcast.net](mailto:tsmith1012@comcast.net)

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** – Ken Reynolds

**Vice President** – Steven Calamuci

**Secretary** – Karen Lottes

**Treasurer** – Holly McNeil

**Field Trip Chairman** – Dave Fryauff

**Membership Chairman** – Doug Baum

**Downstairs Showchair** – Chris Luzier

**Upstairs Showchair** – Dave Tiktinsky

**Property Manager** – Joel Rosen

**Immediate Past President** – Jonathan Harris

**EFMLS Liaison** – Wendell Mohr

**Bulletin Editor**– Olivia Luzier

**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](mailto:editor@glmsmc.com).

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Award Winning Bulletin  
EFMLS, AFMS



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