

# DVESScapades

*escapades: interesting, stimulating, exciting activities and adventures*



## DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



January 2023



**Next Meeting:** Wednesday, January 11th, via Zoom

**7:00 pm:** Social hour

**8:00 pm:** Dr. Aaron Michael Barth from Rowan University will talk about the glacial history of the Adirondack Mountains.

*Dues are due!*

## President's Message

Happy New Year! I hope everyone had Happy Holidays and enjoyed time with your families, loved ones and friends. Don't expect to have face to face meeting right away. During the winter months when there is a better chance for inclement weather, we will still be Zooming. When we start face to face meeting on a regular basis we will also attempt continue Zooming. This hybrid type of meeting creates challenges, and this is all new to us so give us some room for mistakes. We will continue taking trips as weather permits. With some of these 60-to-70-degree days that have been popping up we might be able to sneak in a trip or two. We are making plans for our winter field trips now. Please contact me should you have any ideas of localities or specimen types (fossil or minerals) you would like to visit. Remember we are approaching museum trip season. In January we have the Rutgers's Geology Museum Open House on January 28th. Plus, we definitely plan on taking Ralph Johnson up on his invitation to see his Upper Cretaceous Fossils of NJ at his Monmouth Amateur Paleontology Society (MAPS) museum.

**Dues:** Annual club dues are due for 2023. The base fee is \$20.00 while each additional member from a family remains at \$5.00. Senior citizens are only \$10.00 for the year.

**December 14<sup>th</sup>, 2022: Holiday Party:** I'd like to thank everyone who brought what they said they were going to bring. We had plenty of food: Chicken nuggets, hoagies and pizzas. As usual we had plenty of desserts and everything tasted fantastic. I would also like to thank everyone who stayed to help clean the room up. I'm hoping to get a few volunteers to start planning our holiday event a few months before. It makes it easier on everybody.

### **Officers for 2023:**

**President: Mark Leipert**

**Vice President: Molly Burlage**

**Treasurer: Jim Brennan**

**Secretary: Cathy Eskew**

**January's Regular Meeting to be held on January 11th:** January's meeting will be a Zoom meeting again. Our guest speaker will be Dr. Aaron Michael Barth from Rowan University whose topic will be "The timing and nature of Laurentide Ice Sheet thinning in the Adirondack Mountains of New York, USA." Aaron's biographical information is included below:

Originally from the Washington, D.C. area, I grew up with a fondness for the Appalachian Mountains and found inspiration in their geologic history. I followed this passion to Oregon State University where I earned a PhD studying the glacial history of Ireland. Since then, I have had the opportunity to conduct more glacial research in places such as the western U.S., Greenland, and Lake Superior. Now at Rowan University, I head the Rowan Cosmogenic Nuclide Laboratory where we use geochemical analysis to study numerous geologic problems including the timing and rate of ice-sheet thinning in the northeast U.S.

I will send out the Zoom invitations two or three days before the meeting. Remember, each time the access code is different. Don't try to use the old password because it won't work.

**February's Regular Meeting will be held on February 8<sup>th</sup>.** The speaker is TBD.

### **Field Trips:**

**Rutgers Geology Museum Annual Open House**, including presentations, rock and mineral identification program, and mineral sale. **WHEN:** Saturday, Jan. 28, 2023, 9 a.m. to 4 p.m. **WHERE:** Presentations in room 123, Scott Hall, and mineral sale in room 135, Scott Hall, 43 College Ave. Rutgers in New Brunswick, NJ. Everyone will meet up at Scott Hall. There is a student center that has various fast-food eateries. It's just a brisk walk from Scott Hall.

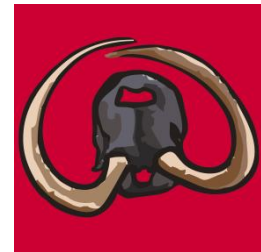
**MAPS Museum Trip** is in the planning stages. More details to come.

**Delaware Mineralogical Society's Annual Gem, Mineral and Fossil Show.** At the Double Tree by Hilton at 4727 Concord Pike (Rt-202), Wilmington, DE on Saturday, March 4<sup>th</sup> and Sunday, March 5<sup>th</sup>. From 10 am to 5 pm each day.

**Mineral Treasures and Fossil Fair 2023:** At the LuLu Temple, 5140 Butler Pike, Plymouth Meeting, PA on Saturday, March 25<sup>th</sup> from 10 am to 5 pm and Sunday, March 26<sup>th</sup> from 10 am to 4 pm. Sponsored by the Delaware Valley Paleontological Society and the Philadelphia Mineralogical Society.

**Mark Leipert, President**

## Shows and Events



### January

**Rutgers Geology Museum 55th Annual Open House Event:** in-person on Saturday, January 28, 2023. This year's theme will be the "Geologic Coring," with a series of lectures and activities related to this topic. Mineral sale, kids activities, mineral and fossil identification. Special arrangements are made so that Open House Visitors can park in Rutgers Lots 11, 16, 26, 30, and the College Ave Deck, but you must register your vehicle to avoid a citation.

<https://geologymuseum.rutgers.edu/annual-open-house>

### March

**Mineral Treasures & Fossil Fair:** March 25th, 10 am to 5 pm & March 26th, 10 am to 4 pm. LuLu Temple, 5140 Butler Pike, Plymouth Meeting, PA. Fossils, minerals, gems, speakers, and exhibits. Kids mineral corner and fossil dig with free giveaways. Food and door prizes throughout both days. Admission: \$7 adults, \$2 kids 12 and under, scouts in uniform free.

<https://www.philamineralsociety.org/spring-mineral-show>

## News

**A bright green comet will soon make its first and likely only appearance in recorded history — and it may be visible to the naked eye**

<https://www.cbsnews.com/news/comet-e3-first-likely-only-appearance-in-recorded-history-earth/>

**Brace Yourself for the E3 Comet's Closest Approach to Earth**

<https://gizmodo.com/how-to-see-comet-e3-closest-approach-1849948670>

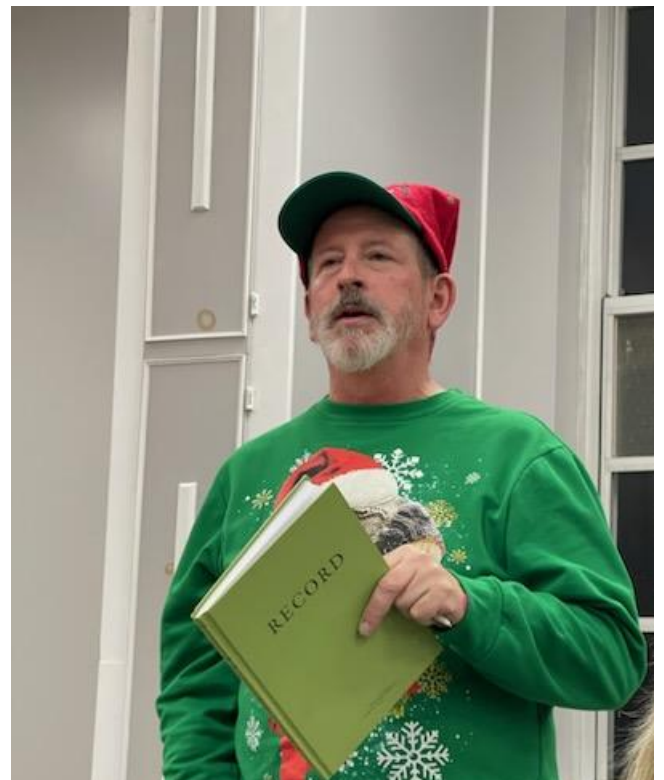
**C/2022 E3 (ZTF): Next Bright Comet to Pass Earth**

<https://starwalk.space/en/news/comet-c2022e3-to-pass-earth>



**Photos**  
**Holiday Party**

by Val







## Quote of the Month:

“Aristotle's opinion... that comets were nothing else than sublunary vapors or airy meteors... prevailed so far amongst the Greeks, that this sublimest part of astronomy lay altogether neglected; since none could think it worthwhile to observe, and to give an account of the wandering and uncertain paths of vapours floating in the Ether.” — [Edmond Halley](#)





# DVESS Directory for 2023

<u><b>Officers</b></u>	<u><b>Committee Chairs</b></u>
President: Mark Leipert 856-524-2103 <a href="mailto:mark.leipert@yahoo.com">mark.leipert@yahoo.com</a>  Vice President: Molly Burlage <a href="mailto:molly.burlage@outlook.com">molly.burlage@outlook.com</a>  Secretary: Cathy Eskew <a href="mailto:ceskew5@gmail.com">ceskew5@gmail.com</a>  Treasurer: James Brennan 610-322-1540 <a href="mailto:brenimage@hotmail.com">brenimage@hotmail.com</a>	Junior Rockhounds Chair:  Millard LeCompte 609-458-7763 <a href="mailto:WorksInFaith08009@gmail.com">WorksInFaith08009@gmail.com</a>  Field Trips: Mark Leipert  Co-Field Trips: Ed & Alice Houseal <a href="mailto:alicehouseal@verizon.net">alicehouseal@verizon.net</a>  Membership: James Brennan
<u><b>Newsletter</b></u>  Editor: Susan Moore <a href="mailto:aquamarinepaisleyorchid@yahoo.com">aquamarinepaisleyorchid@yahoo.com</a>	<u><b>Other Information:</b></u>  <u><b>Website:</b> <a href="http://www.DVESS.org">www.DVESS.org</a></u>  <u><b>Facebook:</b> <a href="#">DVESSNJ</a> – Amy Simpson</u>



## Membership Information

*Regular memberships* are entitled to participate in all DVESS activities.

### *Regular Membership:*

\$20.00 for the 1st family member + \$5.00 for each family member

\$10.00 for the 1st Senior (65+ ) member + \$5.00 for each family member

## Delaware Valley Earth Science Society Information

The Delaware Valley Earth Science Society, Inc. (DVESS), a non-profit organization, was founded in 1956 and incorporated in the state of New Jersey in 1957. The Society:

- promotes interest in, knowledge of, and the development of skills in the “earth sciences.” These interests include mineralogy, paleontology, lapidary arts, archeology, and local preservation.
- supports the conservation of natural resources, advocates the availability of collecting sites, and maintains close contact with those in the academic field.
- is a member club of the Eastern Federation of Mineralogical and Lapidary Societies (<http://www.AmFed.org/EFMLS>)

### **Delaware Valley Earth Science Society Inc. (DVESS)**

Delaware Valley Earth Science Society

PO Box 602

Berlin, NJ 08009-0602

DVESS Website: <http://www.DVESS.org>



To submit an article or photos for publication in the DVESScapades, contact the Newsletter Editor at [aquamarinepaisleyorchid@yahoo.com](mailto:aquamarinepaisleyorchid@yahoo.com).

