

DVESScapades

escapades: interesting, stimulating, exciting activities and adventures



DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



January 2022



Next Meeting: Wednesday, January 12th, via Zoom

7:00 pm social hour

8:00 pm Program: Tara Lonsdorf - Micro-Stratigraphic Analysis of the Upper Cretaceous Bone Bed at the Edelman Fossil Park at Rowan University

President's Message

I hope that everyone had a great holiday season whether it was Hanukkah, Christmas or Kwanzaa. Happy New Year's!! Here's to hoping 2022 is much better than 2020 and 2021. We will continue having Zoom meeting at least until June. COVID-19 numbers are on the rise again: numbers of cases of the Delta variant are decreasing and cases of the Omicron variant are exponentially increasing. We will continue to have field trips once the weather gets warmer. It was great seeing many of you in December at our Christmas Party. The food and desserts all tasted good. The holiday gift exchange and the election of new officers were also included as part of the event. We missed everyone who couldn't make the party. I'd like everyone to keep Robert and Sally Todd in our hearts and prayers. Robert has been in and out of the hospital over the past few months.

2022 DVESS Executive Board Officers are as follows:

President – Mark Leipert

Vice President – Jimmy Burlage

Treasurer – Jim Brennan

Secretary – Cathy Eskew

Dues: Due are due for 2022. The base fee is \$20.00, while each additional member from a family still remains at \$5.00. Senior citizens are only \$10.00 for the year.

January 12, 2022 Zoom Meeting: Our speaker this month is Tara Lonsdorf, who was a student of Dr. Kristyn Voegele of Rowan University. The topic of her presentation is "Micro-Stratigraphic Analysis of the Upper Cretaceous Bone Bed at the Edelman Fossil Park at Rowan University."

January 29th 2022: Rutgers's Geology Open House: Will be held virtually from 9:00 am to 3:00 pm. It's the 150th Anniversary of the Geology Museum. Events and activities will be held on Zoom and Facebook. The Mineral Sale will run from 10:00 am to 8:00 pm on their Facebook page. You must have a Facebook account to place a bid.

March 2022: Paleopalooza at Academy of Natural Sciences at Drexel: Go to the Academy of Natural Science's website for latest information. Stay tunes for more details.

Mineral Treasures and Fossil Fair on March 26th and 27st at the Lu-Lu Temple in Plymouth Meeting, PA on 5140 Butler Pike: There will be fossils, minerals, gems, Speakers and exhibits! Kid's activities include a fossil dig and a kid's mineral corner, Boy Scout merit badge information, door prizes and food.

Sterling Hill Super Diggg Saturday, April 23rd 2022 from 9:00 am to 11:00 pm: We are now working with Sterling Hill Mineral Museum to hold the next Super Diggg there in spring of 2022. We need at least 15 volunteers to pull off this event. We need people for sign-in, weigh out, safety officers, security, treasurer, parking lot attendants, etc. You can either come up on the day before (Friday) or first thing early Saturday morning. If you stay overnight you can sleep in the museum/store on cots or mattresses. We also need to have a planning meeting to be announced at this month's Zoom meeting. This is a fund raiser for the Sterling Hill Mining Museum as well as for our club.

Mark Leipert, President



Tara Lonsdorf is a first-year PhD student at the University of Michigan Department of Earth and Environmental Sciences advised by Dr. Nathan Niemi. At UM, studies the tectonic history of the Basin and Range Province of the Western United States through both field exploration and stable isotope analysis. Previously, she earned her B.S. in geology from Rowan University, where she performed GIS-based research of the Edelman Fossil Park under Dr. Kristyn Voegele and served as Editor-in-Chief of Rowan's student newspaper, "The Whit." Her current interests include geochronology, basin evolution, field geology, and spatial analysis.

Visit These Museums in New Jersey

The Rutgers Geology Museum will be celebrating its 150th anniversary in 2022!

A year-long celebration of this momentous occasion will begin with the 54th Annual Open House Event on Saturday, January 29, 2022. This year's theme will be the "History of the Geology Museum," with a series of lectures and activities related to Rutgers' and the Museum's history. The 2022 Annual Open House event will be held **virtually** on Saturday, January 29, 2022. The schedule of events will be released in early January - please check back!

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

New Jersey State Museum - 205 West State Street, Trenton, NJ,

<https://nj.gov/state/museum/visit-hours-admission.shtml>



Step back 3.5 billion years to explore the geology of New Jersey, the oldest fossils from the state and the progression of life here. Learn about the evolution of turtles, fish, mammals and birds. Meet New Jersey's own *Dryptosaurus*, the world's first known carnivorous dinosaur, reconstructed and displayed for the first time ever! Marvel at a life-sized cast of New Jersey's state dinosaur, *Hadrosaurus foulkii*, and a *Mosasaurus maximus* – a 50-foot marine reptile discovered in southern New Jersey.

Liberty Science Center, Liberty State Park, 222 Jersey City Boulevard, Jersey City, NJ 07305

<https://lsc.org/> near the ferry to the Statue of Liberty

Planetarium; many exhibits, including *Dino Dig Adventure* - Uncover ancient dinosaur fossils buried in more than 60 tons of sand in *Dino Dig Adventure*, our outdoor paleontology site; *Wild About Animals*; *Million-Volt Lightning Machines*; *Making Mammoths* - explore the effort to

bring back mammoths, including a woolly mammoth replica, six months in the making with each crafted hair individually positioned.

Shows and Events

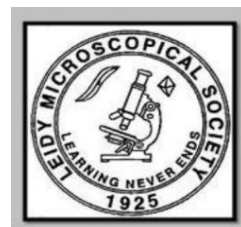
January

The 2022 Annual Rutgers Geology Museum Open House event will be held virtually on Saturday, January 29, 2022. The schedule of events will be released in early January - please check back!

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

March

45th Annual Micromount Symposium; Friday, March 11 - noon to 6pm & Saturday, March 12 – 9am to 6pm. (Lunch provided on Saturday). Advent Lutheran Church, 45 Worthington Mill Rd , Richboro, Pa 18954. sponsored by: Leidy Microscopical Society. Visitor's Fee (no table): \$5.00 Friday & \$10.00 Saturday (includes lunch). Silent Auctions, Give-Away Tables, Speakers. Reservations/ Admission: Make checks payable to; Don McAlarnen, 916 Senator Rd, East Norriton, PA 19403 (610) 584-1364. Questions: Email: donmcalarnen@outlook.com



2022 Mineral Treasures and Fossil Fair: Saturday March 26, 10 am to 5 pm; Sunday, March 27, 10 am to 4 pm. Lulu Temple, 5140 Butler Pike, Plymouth Meeting, PA., (PA Turnpike, exit 333; or I-476, exit 20) Free Parking. Adults: \$7.00. Kids 12 and under: \$2.00; Uniformed scouts and troop leaders free.

Special Features: On both days a line-up of distinguished professional speakers will be presented. In addition, there will be fossil and mineral displays, educational materials, door prizes and a food concession. Thirty dealers will offer fossils, minerals, crystals, and jewelry from all over the world, as well as books, decorative items, and other merchandise. Demonstrations of micro-specimens will be presented throughout the show by the Leidy Microscopical Society. Young visitors can enjoy the annual fossil dig for children, and the kid's corner with free mineral gifts.

Information: www.phillyrocks.org. Contact: Cheryl Leibold, cleibold@verizon.net

Photos

by Val Korszniak

December Meeting and Holiday Party









Quote of the Month:

While my interest in natural history has added very little to my sum of achievement, it has added immeasurably to my sum of enjoyment in life.

Theodore Roosevelt

News



Massive Meteor Explodes Over Pittsburgh

<https://weather.com/news/video/nasa-sonic-boom-in-pittsburgh-was-massive-meteor>

Boom that shook Pittsburgh on New Year's Day was an exploding half-ton meteor, NASA says

<https://www.cnn.com/2022/01/04/americas/meteor-pennsylvania-pittsburgh-scn/index.html>

Tallest Galapagos volcano erupts, spewing lava, ash

<https://abcnews.go.com/Technology/wireStory/tallest-galapagos-volcano-erupts-spewing-lava-ash-82133163>

DVESS Directory for 2022

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



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.

