

DVESScapades

escapades: interesting, stimulating, exciting activities and adventures



DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



November 2022



Next Meeting: Wednesday, November 9th, via Zoom

7:00 pm **Election of officers**

8:00 pm **Program:** presentations from the University of Arizona

President's Message

We will soon be meeting in person indoors for the first time since last year's Christmas Party. We have seen a few of our bright and cheery faces on Zoom, field trips and annual picnic. We are getting ready for face-to-face meetings again with a new twist; we will still be Zooming. This is all new to us, so give us some room for mistakes. We will continue taking trips as weather permits. We are making plans for our fall and 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.

Special thanks to Jason Downs who was our speaker October 12th. Jason Downs presented exciting information on his recent projects in the Catskill Formation in Pennsylvania, revealing a new species in the vertebrate fin-to-limb transition to land.

November 9th Program will be from a selection of presentations from the University of Arizona.

December 14th, 2022: Regular Meeting-Holiday Party: Holiday Party and gift exchange. The gift should cost no more than \$15.00; if you give a gift, you get a gift. Everyone is to bring a desert to share with others. The club will provide a variety of food, similar to last year, as well as drinks (coffee, tea, soda and water). We are looking for people to bring desserts. Please sign up by “replying all” to the official club announcement, to let everyone know how many are coming and what you are bringing as a desert. Feel free to bring in a few mineral specimens to identify, give away or trade or we can have an open discussion on possible field trip ideas. I hope to see everyone there. Please don't forget to sign up. **PS: I could use some help organizing and making sure everything runs smoothly.**



Finally, we will be holding the election of officers for 2023. There will be plenty of opportunities to help out at club functions, be it as a chairperson of a committee or leading a field trip.

Proposed Slate of Officers for December's Election: Other nominations will be taken on the floor during the first ½ hour of the December meeting. Then the slate of officers will be closed and the voting will occur. This part of the election will

be run by a person in the club that doesn't hold any office. If there is only one person running for each position the vote will be for the approved slate and not individual ballots.

President: Mark Leipert

Vice President: Molly Burlage

Treasurer: Jim Brennan

Secretary: Cathy Eskew

DVESS Club Project: Thanks to everyone who provided fluorescent materials that was sent to the Gem & Mineral Club from Ventura, California containing specimens from Franklin and Sterling Hill, NJ. Receipt by Terry that our package was received has been acknowledged.

Field Trips:

Saturday, October 22nd: Our annual pilgrimage up to the **Sterling Hill Mining Museum** was attended by Ray, Barbara, Christine and Billy, Fred, John, Nancy, Molly and myself. We got up to the mine shortly after 10:00. We checked in and collected fluorescent minerals for about an hour or so. We then went on the tour of the museums and the mine tunnel. The tunnel was decorated for the haunted mine tunnel tour which gave it a new feel. They were testing out the mine cars for later in the evening as part of the haunted mine tunnel tour. Fred, Molly and I went to grab a bite for dinner before the haunted mine tunnel tour was to start. We tried to get on the scary tour but we were placed in the mildly scary tour which had a lot of thick fog and wandering zombies bumping into you. I would recommend the scarier tour next year.

Future Field Trips:

Saturday, November 12th, Sewell Stream Trip: This trip will go on if there are scattered showers, but if it's a wash-out we will reschedule. We will be meeting at the old train station across from the Olive Italian Restaurant (195 Center Street, Sewell, NJ 08080) next to Louie G's (190 Center Street, Sewell, NJ). We'll be meeting at 8:45 next to the railroad tracks. You'll need boots, shovel, screen, bucket, water and snack. Email or call to let me know if you plan to attend.

Saturday, November 27th, C&D Canal or Ramanessin Creek or Sayreville Amber site, weather permitting. The Odessa trip has not been very productive in the past few years. It actually sounds like the Reedy Point site at the C&D Canal is most likely going away. People continue moving material out of the site at an alarming rate. Word from the Army Corps is that they will be dumping new dredge spoils there in the near future. Ramanessin Creek is always good. Sayreville amber site depends on how much rain we've had.

Mark Leipert, President



Dear DVESS club members,

Earlier this year I finally accepted that I am transgender. Though I did not reach this point easily, it has been a very long time coming and is a great relief to at last begin the long and challenging journey ahead. Eventually it will be difficult to conceal the changes which I am going through, and more importantly, it is more fair to myself and to all of the members of the club that I be open and genuine about it.

If anyone has any questions related to my transition, so long as they are respectful, please reach out to me and I will be happy to share my experiences and knowledge with you. I know that many of you may be unfamiliar with what it means to be transgender, and while I encourage you to learn about it, all that I ask of you is your support, which includes referring to me with feminine pronouns (she/her) and calling me by my preferred name, Molly. I also know that everyone will make mistakes, just as I did when one of my friends came out as transgender about a decade ago, and I will be patient and understanding, but please don't take it personally when I correct you, as it's just something I need to do.

Thank you for your support in this new chapter of my life.

Molly Burlage

Shows and Events

through Jan. 8, 2023 - Jaw Dropping World of Sharks, New Jersey State Museum, Trenton. Sharks and their relatives share a 400-million-year history and have a diverse family tree. They inhabit the world's oceans, rivers and estuaries evoking fear and mystery. But much this fear comes from a lack of understanding about sharks and their habitats. This exhibition dispels some of the myths and misunderstandings about sharks and their relatives by exploring their biology, fossil record, conservation and cultural significance. Specimens and artifacts from the New Jersey State Museum collections will be on display to demonstrate the truly jaw-dropping world of sharks!

November 12-13, 2022: Symposium on Pennsylvania Mineralogy and Geology, by Friends of Mineralogy – Pennsylvania Chapter. Saturday: Symposium at Bright Side Opportunities Center, 515 Hershey Ave., Lancaster, PA 17603. Talks by knowledgeable speakers; sales; silent auction; giveaway table. Sunday: field trip to Mount Pleasant Mills, open only to symposium registrants. Please register in advance. See <https://www.rasloto.com/FM/>

News

Tonga eruption's towering plume was the tallest in recorded history

<https://www.livescience.com/tonga-eruption-tallest-plume-ever>

The January 2022 eruption of Hunga Tonga-Hunga Ha'apai volcano reached the mesosphere

<https://www.science.org/doi/10.1126/science.abo4076>



Photos

by Mark Leipert, Fred Hochkile, and John Arsenault

Sterling Hill Mining Museum and Haunted Mine Tunnel

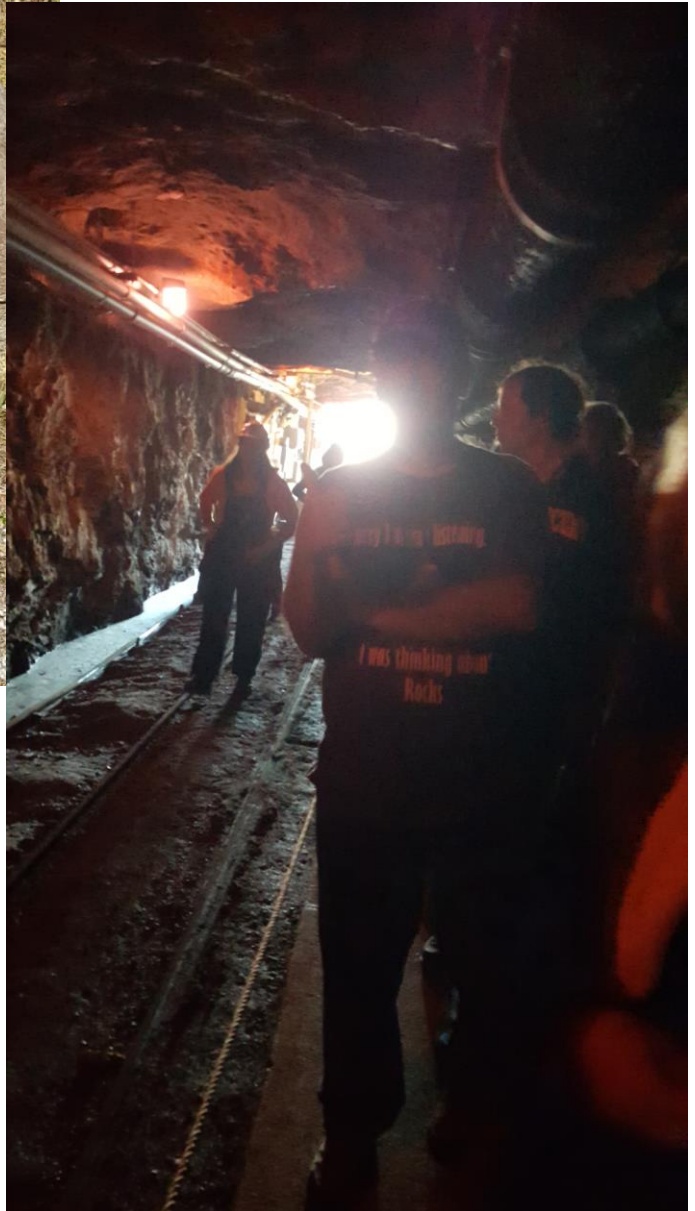


















Calvert Cliffs



Quote of the Month:

I experienced the California Northridge Earthquake of 1994 and the eruption of Mount St. Helens in 1980, and I have thus seen firsthand how terrible and awesomely devastating a force of nature can be. - **Paul Watson**

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

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To submit an article or photos for publication in the DVESScapades, contact the Newsletter Editor at aquamarinepaisleyorchid@yahoo.com.

