

DVESScapades

escapades: interesting, stimulating, exciting activities and adventures



DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



May 2025



This Meeting: Wednesday, May 14th. “The Gobekli Tepe and New Discoveries” by our very own Rick Reed.

Next Meeting: Wednesday, June 11th.

Meeting location: Atco Senior Center, 474 E. Atlantic Ave, Waterford, NJ.

President's Message

Hi Fine Folks!

I believe summer is here with the rain, which we really needed.

The Halterman collection continues to populate the rock raffle table as well as some from the Gary dig.

Mineral shows are popping off all over the place and our good friends over at Cape Atlantic Rockhounds are having their Spring show on May 17-18, 10-4 at the Atlantic County 4H fairgrounds in Mays Landing on Rt. 50. Thirty vendors this year. Free parking and admittance.

Several of us went to Earth Day at the Red Bank Battlefield and displayed and talked about fossils and minerals. Even though it was windy, it was a great day.

Did you go on any adventures this past month? What about a picture of your favorite minerals? Send your stories and/or pictures to be included in our newsletter to Susan Moore. aquamarinepaisleyorchid@yahoo.com

I purchased three very large Septarian Nodules several months ago. They form in a sedimentary environment near sea beds or ancient shorelines. Mud and organic material form around, most likely, a fossil. When the mud hardens, it cracks and forms a radiating pattern. The cracks are then filled with minerals like Calcite and Aragonite, which creates the amazing colors and textures. I cut them in half and so far I have put them through the Flat Lap machine at 220 grit and 600 grit. Next up is polishing.



Unless you submit articles, jokes, or stories, you'll have to put up with mine.

Feel free to bring snacks to the meetings!

Science Article:

[Ancient Mars may have had a carbon cycle. Study suggests the red planet may have once been warmer, wetter](#)

I couldn't find any joke this month. Submit your jokes, if you can find any....

John Arsenault - President

Field Trips and Events

I would like to thank **Derek Yoost** for his interesting program on Fossil Coprolites at the April meeting. There was a lot of coprolite (poop) humor throughout the meeting. Some people will collect anything. **The Program for the May 14th Regular Meeting will be “The Gobekli Tepe and New Discoveries” by our very own Rick Reed.**

Field Trips:

Earth Day Celebration with Gloucester County Parks & Recreation at Red Bank Battlefield, Sunday, April 27th from 11:00 am to 4:00 pm: We displayed many fossils and minerals that we have personally collected and had children paint rocks or color pictures of dinosaurs.

C.K Williams aka Easton Site, Saturday, May 3rd: Once again, we joined North Jersey Mineralogical Society (NoJMS) and Friends of Mineralogy NJ Chapter (FM-NJ) and Pennsylvania Earth Sciences Association (PESA). DVESS and the Cape Atlantic Rockhounds also joined forces. Dottie, Jenny, Chris, Billy, Christine and

myself, plus a local resident and recent visitor to Edelman Museum and Fossil Quarry joined the collection effort. Serpentine, asbestiform minerals and various micas, pegmatite bodies were present with feldspar, quartz, micas, schorl, titanite and associated minerals. Some radioactive minerals are also present. There was plenty of stormy weather the night before, but we encountered no rain although it was very humid. A fun time was had by all.

Ramanessin Creek Marine Fossil trip Saturday May 10th 2025. This site is about an hour and fifteen-minute drive from the Philadelphia area. We met at the Village Elementary School parking lot (67 McCampbell Rd., Holmdel, NJ). It is a Cretaceous site with collectors finding sharks' and fish teeth. Other invertebrate material can be found. An occasional mosasaur tooth and dinosaur material has been found. Indian artifacts can also be found. A trip report and photos will be included in next month's newsletter.

Water Fest 2025 at Scotland Run Park in Clayton on Sunday, June 1st from 11:00 am to 4:00 pm: We will be displaying many fossils and minerals we have personally collected and will be having children paint rocks or color pictures of dinosaurs.

Pickering Golf Course, Saturday, June 7th: We will be going back to the old Brookdale Mine area of the Wheatly Mines to collect pyromorphite, quartz, calcite, malachite, galena, silver, cerussite and sphalerite to name a few. Once again we will try to rent a golf cart, for the day, to help get our treasures back up the hill to our vehicles. More details in the June newsletter.

Dinosaur Park, Laurel, MD: I will continue to take names of those that are interested in participating. They are still getting their volunteer program together. They have not been very responsive to my calls. The Park is run by the National Park Service.

Mark Leipert - Vice President

NEWS

4.1 magnitude earthquake felt in South Carolina, Georgia

<https://www.wyff4.com/article/earthquake-south-carolina-georgia-tennessee/64733047>

This Alaska volcano might erupt soon. Here's the chaos it could cause.

<https://www.nationalgeographic.com/science/article/alaska-volcano-mount-spurr-eruption-ash>

An underwater volcano off the coast of Oregon may be about to erupt

<https://www.nbcnews.com/science/science-news/underwater-volcano-coast-oregon-may-erupt-rcna205369>

Soviet Kosmos 482 spacecraft crashes into an unknown site on Earth

<https://www.nbcnews.com/science/space/soviet-kosmos-482-spacecraft-crashes-earth-rcna205579>

QUOTE OF THE MONTH:

Daily it is forced home on the mind of the geologist that nothing, not even the wind that blows, is so unstable as the level of the crust of this Earth. ***Charles Darwin***

PHOTOS

by John Arsenault

Earth Day at the Red Bank Battlefield





Centralia, PA Trip

by Billy Pape





Archaeology Society of Gloucester County Annual Show

by Cathy Eskew





C.K. Williams site (Easton)

by Dottie Lennon and Jenny Mulligan







DVESS Directory for 2025

<u>Officers</u>	<u>Committee Chairs</u>
<p>President: John Arsenault 856-495-8550 Asuwsh4@yahoo.com</p> <p>Vice President: Mark Leipert 856-524-2103 mark.leipert@yahoo.com</p> <p>Secretary: Cathy Eskew ceskew.5@gmail.com</p> <p>Treasurer: James Brennan 610-322-1540 brenimage@hotmail.com</p>	<p>Junior Rockhounds Chair: Mark Leipert</p> <p>Field Trips: Mark Leipert Co-Field Trips: Fred Hochkile</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 + \$15.00 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)

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.

