

DVESScapades

escapades: interesting, stimulating, exciting activities and adventures



DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



August 2025



Picnic: Sunday, August 10th at the Atco Senior Citizen Center at 1:00 pm. Bring specimens for the club auction and bring plenty of money so you can bid on many items at our auction.

This Meeting: Wednesday, August 13th. Paul Murdoch, the Vice-President of the Calvert Marine Museum Fossil Club, will discuss the "Open the Vault" special exhibits at the Calvert Marine Museum.

Next Meeting: Wednesday, September 10th. **Show and Tell**

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

President's Message

Hi Fine Folks!

Hope your summer is going great. This past week's weather couldn't have been better in my opinion.

I went to a music festival this past month and I bought a rock. A beautiful Labradorite slab. You never know where you'll find rocks.

The annual picnic is THIS Sunday, the 10th, and depending on when you read this, it could be over! LOL If you read this prior to the 10th, you still have time to attend and bring a sharable dish. Reach out to Karen Sweeten at ksweeten8@gmail.com and let her know.

The Halterman collection will be the main focus of the auction this year. We will also be using auction paddles for the first time. So, if you plan on bidding, you'll need to pick up a paddle before the auction starts. Gary and yours truly will be co-sharing auctioneer responsibilities this year.

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

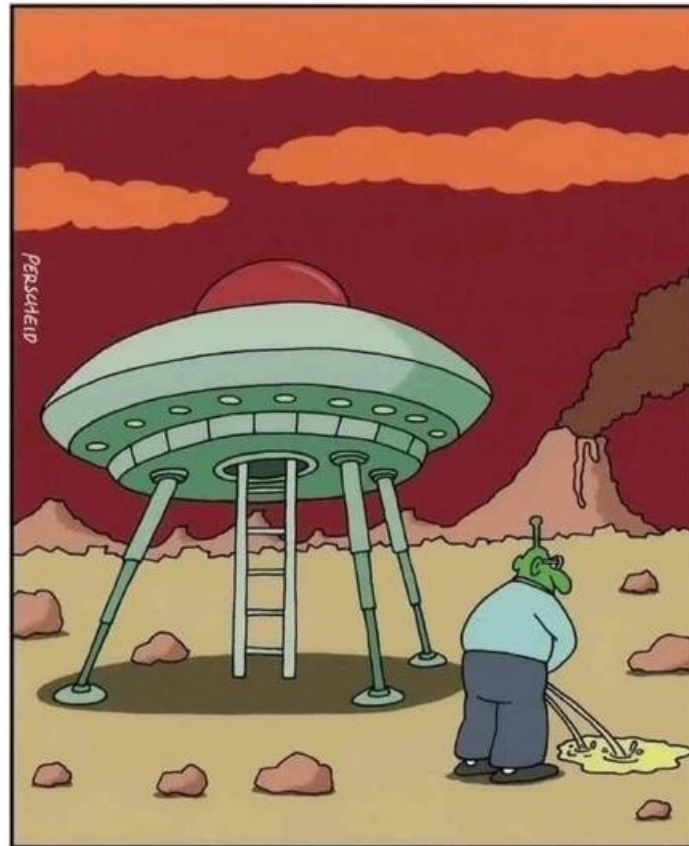
Unless you submit articles, jokes, or stories, you'll have to put up with mine.

Always feel free to bring snacks to the meetings!



Science Article:

[Geologist has different take on what's behind recent earthquakes in New Jersey](#)



The origin of life on Earth can be traced
back to a random pitstop on Tuesday,
November 2nd, 3,501,532,711 B.C.

What is a rock's favorite cereal to eat? - Coco-pebbles!

John Arsenault - President

Field Trips and Events

August Meeting Program: Wednesday, August 13th. Our guest speaker will be Paul Murdoch. Paul is currently the Vice-President of the Calvert Marine Museum Fossil Club. His presentation will be on the “Open the Vault” special exhibits at the Calvert Marine Museum. Dr. Godfrey mentioned them during his presentation and if you went on our tour of the museum you would have seen it first-hand.

September Regular Meeting: There will be no speaker this month. September is our “Annual Show and Tell” program. Be prepared to bring in some photos and/or specimens to show off to everyone.

November Regular Meeting, Wednesday, November 12th: Dr. Harold Connolly will be updating us on the OSIRIS-Rex mission results as well as other projects he is involved with and his world travels.

Field Trips:

July 12th Centralia Plant Fossils: The following club members and guests went on our excursion: Billy Pape, Fred Hochkile, Mike Dunn, Dean (PESA), Alex & Rebekah Pepenella, Jenny Mulligan, Natalie Kronheim and 2 friends, Jill Lee and myself. There were fern foliage and seeds; there also were *Lepidodendron* (scale tree) fossils including roots, stems, foliage, calamites and pinecones. Preservation and detail were pretty good. Collecting was typical for plant fossils, splitting relatively soft shale with a hammer and chisel. We had to walk a half mile walk from the parking area to the collecting area. The terrain was very steep in places with rock faces of 20 to 40 feet and collecting in the scree at the bottom. We met up with a PhD candidate who is a micropaleobotanist. She is doing her thesis on the paleobotany of the Green River Formation in Wyoming. It was uphill both ways coming and going, especially with buckets full of our treasures. It was a fairly hot day but not close to 100 like previous days that week. It still felt like that by the time we got back to the parking lot. Everyone seemed to come away

with some decent specimens and had a great time. See photos below in the newsletter.

August 23rd Field Trip: National Limestone Quarries. The plan is to leave around 6:15 at the Woodcrest Station of the PATCO High Speedline. We are meeting up at the Quarry at 9:30. We will be collecting dogtooth calcite crystals, strontianite, fluorite, cerussite, wavellite and even marine fossils. After collecting for a while at the Middleburg Quarry we will head over to Mt. Pleasant Mills Quarry. You will definitely need the hard rock equipment: various weights of mauls and sledgehammers and chisels. Don't forget hard-soled shoes, hard hat, gloves and safety goggles. Also, you will need a bucket (s) to carry your goodies, paper for wrapping up your specimens, water, snacks and something for lunch. If you plan on meeting us up at the site, please let me know before you go. If you are looking to get a ride with someone else, meet at the Woodcrest Station Parking Lot 8A at or before 6:15. Also, please remember to help with the cost of gas and tolls along the trip. Remember to please sign up to go on the trip at the meeting this Wednesday, August 13th.

Pickering Golf Course, Saturday, September 27th: (Rescheduled from early June) will be meeting at Woodcrest Station Parking Lot 8A at 8:00 or in the parking lot near the Pro-shop around 10:00. 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. We're hoping that any threatening thunderstorms will hold off until we are done.

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. The Park is run by the National Park Service. I will keep reaching out to him every now and again.

Edelman Fossil Park and Museum: I am still trying to have a meeting there once or twice a year at the museum. I will update on the progress.

Club T-Shirts: I'm still working on a new design and hope to have T-Shirts by sometime in August/September timeframe.

Mark Leipert - Vice President

NEWS

Russian volcano erupts days after monster quake shakes region

<https://www.npr.org/2025/08/03/nx-s1-5491540/russian-volcano-erupts-days-after-quake-shakes-region>

Huge earthquake may have triggered volcano's first eruption in 600 years, Russian team says

<https://www.cnn.com/2025/08/03/europe/tsunami-russia-earthquake-volcano-intl-hnk>

What's shaking, North Jersey? What we know about the 3.0 magnitude earthquake in NJ

<https://www.northjersey.com/story/news/new-jersey/2025/08/03/nj-earthquake-3-0-magnitude-hasbrouck-heights-what-we-know/85498123007/>

PHOTOS

Centralia, PA

by Frederick Hochkile and Mark Leipert





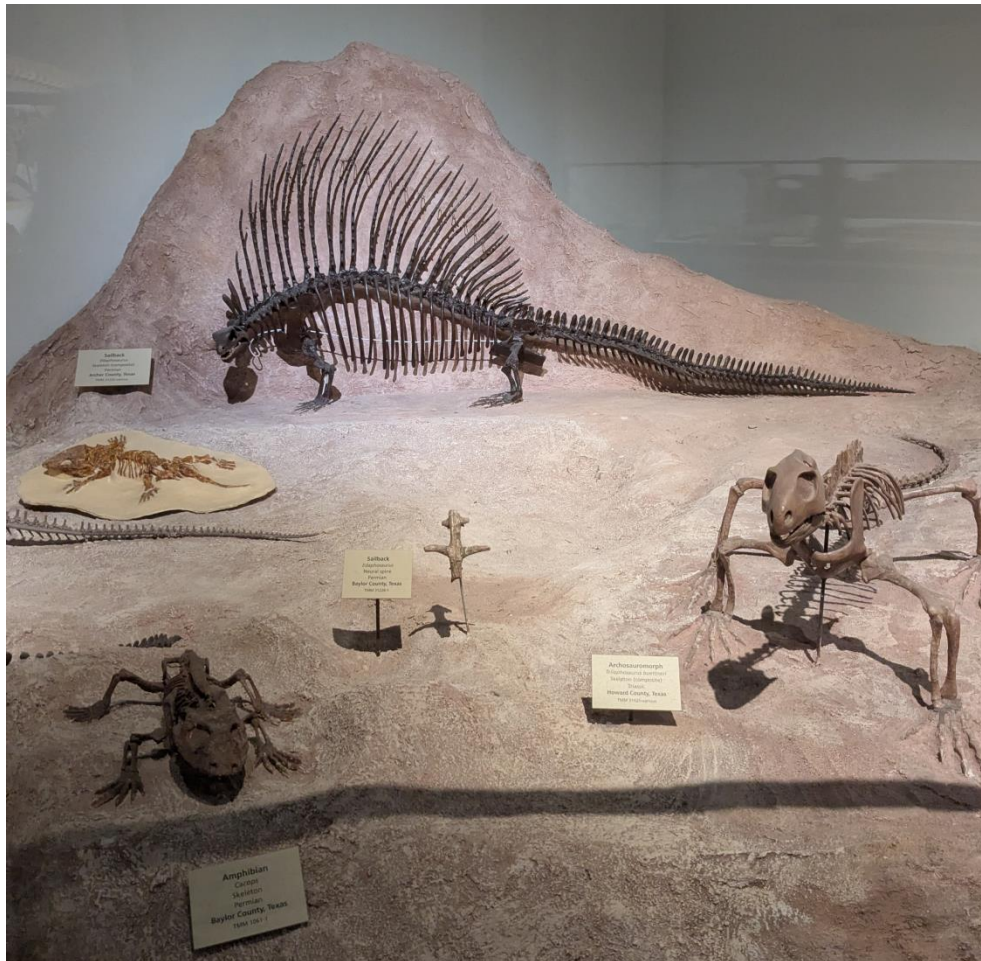




Texas Science & Natural History Museum in Austin , TX by Karen Sweeten







DVESS Directory for 2025

<u>Officers</u>	<u>Committee Chairs</u>
President: John Arsenault 856-495-8550 Asuwsh4@yahoo.com Vice President: Mark Leipert 856-524-2103 mark.leipert@yahoo.com Secretary: Cathy Eskew ceskew.5@gmail.com Treasurer: James Brennan 610-322-1540 brenimage@hotmail.com	Junior Rockhounds Chair: Mark Leipert Field Trips: Mark Leipert Co-Field Trips: Fred Hochkile Membership: James Brennan
<u>Newsletter</u> Editor: Susan Moore aquamarinepaisleyorchid@yahoo.com	<u>Other Information:</u> <u>Website:</u> www.DVESS.org <u>Facebook:</u> <i>DVESSNJ – Amy Simpson</i>



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.

