

DVESScapades

escapades: interesting, stimulating, exciting activities and adventures



DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



March 2025



This Meeting: Wednesday, March 12th. Dr. Kelden Pehr will be presenting the following topic: 'Long-lived Carbon: Using Organic Geochemistry to Study Molecular Fossils, Past Environments and More'

Next Meeting: Wednesday, April 9th.

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

President's Message

Hi Fine Folks!

Again with the weather? Nope not this time.

I'd like to send our condolences to Ann Benson and her family. Her Mom, Ann F. Montchyk passed away mid-February. She was 100!

Mark Leipert, our V.P., found a very interesting video on the Yellowstone Earthquake in lieu of a speaker last month. Mark makes a huge effort in trying to secure presenters for our club meetings. So, if you know anyone who would like to be a presenter, please let Mark know.

We still have more of the Halterman collection that you will see on the rock raffle table this meeting and more meetings to come. There will also be specimens from the collection at the Auction at this summer's party. Again, thanks to the Halterman family!

The Delaware Metrological Society show was a big hit this past weekend. I even found five minerals I didn't have in my collection. (see below)

Did anyone go out on any adventures this past month?

Do you know of any future events, shows? Let Susan know and she'll get them in the newsletter.

Membership dues are due. You can pay in person at the meeting or send a check to James Brennan, 139 Ashbrook Road, Cherry Hill, NJ 08034.

If you need the new brochures because you are going to be at an event, reach out to Jim!

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

*The word Dinosaur is a
misnomer. They were
terrible at being lizards!*

Science Article

Anomaly in the deep sea

Extraordinary accumulation of rare atoms could improve geological dating methods

https://www.sciencedaily.com/releases/2025/02/250210132559.htm#google_vignette

John Arsenault - President

Field Trips and Events

Program for Wednesday, March 12th Regular Meeting: I am pleased to announce that our guest speaker for this month is **Dr. Kelden Pehr**. Dr. Kelden specializes in the composition and preservation of organic matter as well as the signatures of biomarkers in organic-rich sediments. She will be presenting the following topic: 'Long-lived Carbon: Using Organic Geochemistry to study Molecular Fossils, Past Environments and more'

Dr. Kelden Pehr focuses on the alteration and preservation of organic matter within the marine environment and geological record. Her research aims to

investigate the carbon cycle in Earth's past and present, reconstruct paleo-environments, and enhance methods for detecting possible extraterrestrial life.

Dr. Pehr holds a doctorate in Geological Sciences from the University of California, Riverside and earned a B.S. in Environmental Engineering from MIT. Prior to joining UND, she was a Postdoctoral Researcher at Lehigh University.



Field Trips:

Calvert Marine Museum, February 22, 2025: Club members who attended were Chris Fleishmann, Susan Moore, Phyllis Greico, Jenny Mulligan and me. Dr. Stephen Godfrey gave us an in-depth behind scenes tour of the collections building,, the museum, the aquarium and especially the “Open the Vault” section. We all had a fantastic time. Afterwards, Dr. Godfrey confirmed that I had a massive whale skull bone, and he enjoyed looking at the massive Megalodon teeth replicas. They were really nice, but way too big. Could you imagine a 125 plus foot Megalodon shark?

Mineral Treasures and Fossil Fair: Saturday, March 29th from 10 am to 5 pm and Sunday, March 30th from 10 am to 4 pm at the LuLu Temple at 5140 Butler Pike in Plymouth Meeting, PA. Admission Fee: \$7 per adult, \$2 for kids under 12 and Scouts in uniform are free. There are door prizes, displays, sales and activities for kids.

Edelman Fossil Park and Museum, Grand Opening Weekend, this March 29th and 30th: Go to efm.org and sign up for notifications. There are several members of DVESS that will continue volunteers or employees at the park and museum. This has been a long time coming and it's going to be very exciting. It sounds like the Grand Opening Weekend is already full or close to it.

New Ringgold, PA Borrow Pit in East Brunswick Township for Devonian Fossils in the Mahantango Formation, April 26th: Details will follow.

Earth Day Celebration with Gloucester County Parks & Recreation at Red Bank Battlefield, Sunday, April 27th 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.

Ramanessin Creek Marine Fossil trip. Stay tuned for details for May 2025. I am going to be field trip coordinator for the DVESS, DVPS and Cape Atlantic Rockhounds. Date TBD.

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.

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.

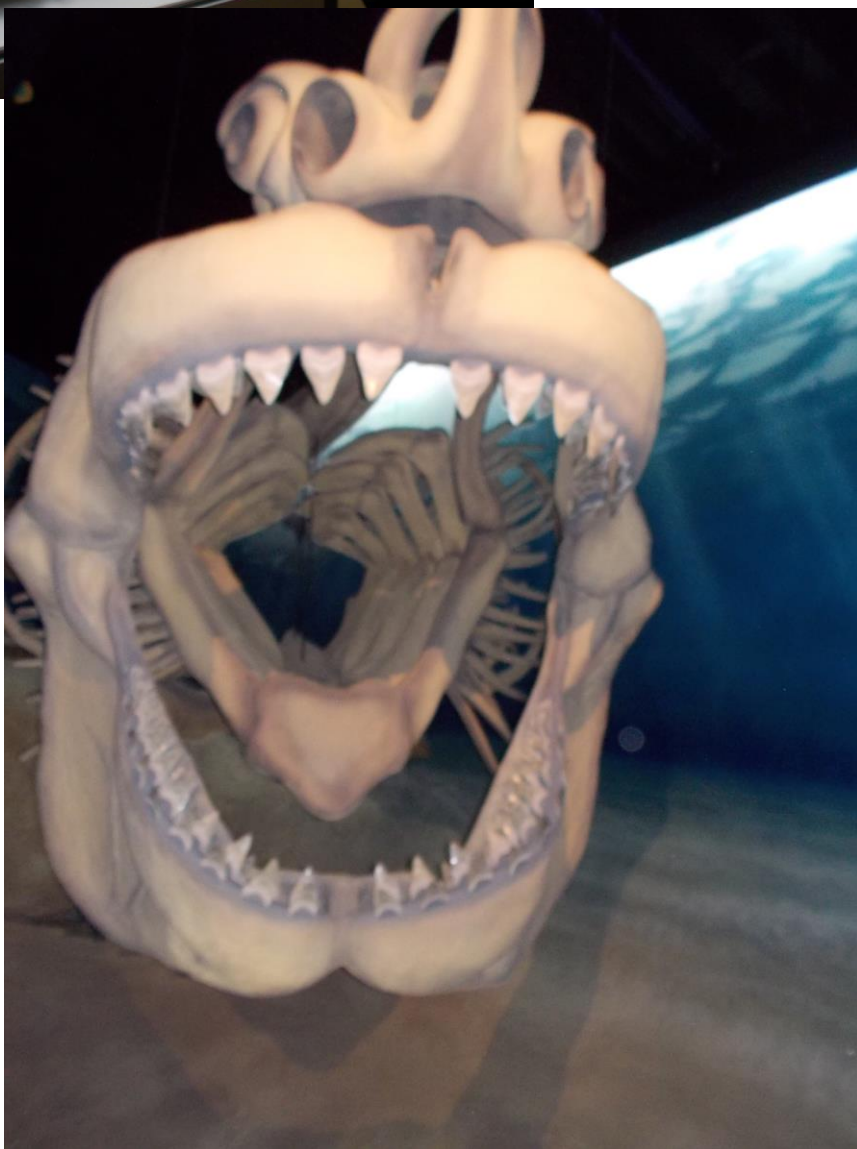
Mark Leipert - Vice President

PHOTOS

by Susan Moore

Calvert Marine Museum









New minerals in John Arsenault's collection







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 ceskew5@gmail.com</p> <p>Treasurer: James Brennan 610-322-1540 brenimage@hotmail.com</p>	<p>Junior Rockhounds Chair: Millard LeCompte 609-458-7763 WorksInFaith08009@gmail.com</p> <p>Field Trips: Mark Leipert</p> <p>Co-Field Trips: Fred Hochkile</p> <p>Membership: James Brennan</p>
<u>Newsletter</u>	<u>Other Information:</u>
<p>Editor: Susan Moore aquamarinepaisleyorchid@yahoo.com</p>	<p><u>Website:</u> www.DVESS.org</p> <p><u>Facebook:</u> <i>DVESSNJ – Amy Simpson</i></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.

