

DVESScapades

escapades: interesting, stimulating, exciting activities and adventures



DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



October 2021

Next Meeting: Wednesday, October 13th



7:00 pm social hour

8:00 pm Program: **via Zoom - "The Permian / Triassic Extinction Event – The Worst Dying of All Time" by Derek Yoost**

Upcoming - In November, we will have Dr. Karen Wenrich who will be talking about her experiences in the mining industry at the "Sweet Home Mine in Alma, Colorado."

No regular, in-person meetings until further notice

President's Message

COVID-19 cases from the latest wave are on the decline. We are going to continue to play it safe and not meet face to face for a while. As rock, mineral and fossil collectors, we normally socially distance anyway. Being an outdoors activity we don't have to worry about wearing mask, except for the possibility of commuting to the sites or stopping somewhere to eat. Send reasonable suggestions for field trips to me at mark.leipert@yahoo.com. I'm also looking for a few activity leaders for things like field trips, Christmas Party and possibly a club banquet. We are planning to continue using Zoom as our vehicle to hold meetings. We are planning to hold zoom meetings for October and November and have a live face-to-face meeting for our Christmas Party in December. Until then, we will continue Zooming. We continue looking for interesting speakers, so if you have ideas or know of someone who's interested, please let me know.

Continue taking field trips to your basement, cleanup your dust covered rocks and fossils, discover something you've probably had for years hiding away in your closet, garage or secret stash area. Bring some items out with you when you come out on field trips. You might be able to give away or trade some of the materials you've been waiting to give away to other club members.

Election of Officers for 2022: We are beginning the process of making up the slate of officers for 2022. Yes, it's that time again, we are looking for volunteers to help make the club operate more efficiently. It's a lot for one or two people to run. We need help. If you are interested in holding an office, please let myself or Jimmy Burlage at james.burlage@outlook.com know.

Guest Zoom Speakers: Last month we had our annual "Show & Tell." We saw many interesting items that members have been collecting or found in their basements over the summer. This month we have Derek Yoost as our guest, who will be presenting an interesting talk on "The Permian / Triassic Extinction Event –The Worst Dying of All Time".

"The Permian / Triassic Extinction Event –

The Worst Dying of All Time"

By Derek Yoost

This lecture will tell you a story of the greatest extinction event in all the Earth's prehistory. Hint: it had nothing to do with a giant meteorite falling from the sky. The

Earth's own climate went haywire and into a downward spiral which lasted for a million years. Studying the past is the key to the future.

My passion for fossil collecting started when I was 10 years old and has never stopped since. Starting at the age of 14, I worked in a rock shop (Jim's Gems) in Wayne NJ and gleaned a vast knowledge for the collecting and lapidary hobby. For the past 27 years, my collection has grown to include fossil amber, fish, reptiles, and mammals that are unique to New Jersey, New York, Pennsylvania, and Maryland. I also collect local minerals from New Jersey, shells, bones, meteorites and other natural history items and artifacts. This hobby has brought me too many interesting localities and fascinating people. I also maintain a web site on my favorite fossil collecting site, Big Brook at njfossils.net. To date, I would guess that my favorite fossil that I found is the insect (a blood sucking Midge that may have feed on dinosaurs) that I found in Cretaceous aged sediment in Sayreville NJ. It was new to science and was eventually named after me (*Culicoides yoosti*).

At our **November 10th** meeting, we have **Dr. Karen Wenrich** who will be sharing her experiences in the mining industry at the "**Sweet Home Mine in Alma, Colorado**" and showing us some fantastic minerals collected from the mine. I will continue trying to line-up interesting speakers for the fall and winter months.

Field Trips:

Our annual free trip to **Sterling Hill** has been moved to **Saturday, October 23rd**. We will be meeting at our favorite parking spot at the Wood Crest Station of the PATCO High Speed Line at 8:00. I'm checking on the ability to do some mineral collecting for a short time.

Saturday, October 30th, we will be going to a local stream in Sewell to collect Cretaceous fossils. We will be meeting in the Lowes parking lot at 9:00 am. You'll need boots for walking in the stream, a long handled shovel, a ¼" to 3/8" screen and frame, bucket and containers.

Other potential field trips include the **National Limestone Quarry** sometime in November and the **C&D Canal** and **Odessa Petrified Wood** locality. Stay tuned for details.

Fossil Fair and Mineral Treasures Show for 2021: Postponed due to COVID-19. This show is rescheduled for the last weekend in March 2022.

The "Cape Atlantic Club Mineral Show & Sale": Cape Atlantic Rock Club held its mineral sale/show on September 18th and 19th. The weather was beautiful and the event was well

attended. Amy, Fred, Vince and I handed out brochures and sold off some of the club's inventory.

We are now working with Sterling Hill Mining Museum to hold the next Super Diggg there in the spring of 2022. We are going to need a bunch of volunteers to pull it off. Stay tuned for more details.

Mark Leipert, President



Links

What caused Earth's biggest mass extinction?

<https://earth.stanford.edu/news/what-caused-earths-biggest-mass-extinction#gs.d7hg72>

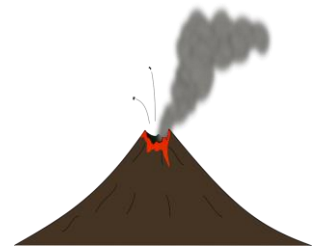
Evolution: Library: Permian-Triassic Extinction - PBS

https://www.pbs.org/wgbh/evolution/library/03/2/l_032_02.html

The Great Dying

https://science.nasa.gov/science-news/science-at-nasa/2002/28jan_extinction

News



Volcanic ash buildup shuts airport on La Palma in Spain's Canary Islands

<https://www.reuters.com/world/europe/airport-shut-spains-la-palma-due-volcano-ash-2021-10-07/>

La Palma volcano eruption already biggest on the island in more than 100 years

<https://www.volcanodiscovery.com/la-palma/news/143413/La-Palma-volcano-eruption-already-biggest-on-the-island-in-more-than-100-years.html>

Large ash cloud rises from Canary Islands volcano

<https://www.yahoo.com/news/large-ash-cloud-rises-canary-034058745.html>

4.6-magnitude earthquake rattles Hawaii Island; no impact on Kilauea volcano

<https://www.hawaiinewsnow.com/2021/10/06/46-magnitude-earthquake-rattles-hawaii-island/>

Erupting Hawaii volcano's alert level is lowered to 'watch'

<https://news.yahoo.com/erupting-hawaii-volcanos-alert-level-184538948.html>

Events

October

4th Annual South Jersey Gem, Jewelry, Mineral & Fossil Show

Date: October 9-10, 2021

Location: 1721 Springdale Road Cherry Hill, NJ 08054

Show Times: Saturday (10/9/21) 10:00 am - 6:00 pm & Sunday (10/10/21) 10:00am - 5:00pm

Website: www.sjmineralshow.com

Facebook: www.facebook.com/sjmineralshow

ULTRAVIOLATION Show

Where: First United Methodist Church, 840 Trenton Rd, Fairless Hills, PA

When: October 30, 2021 9:00 AM to 4:00 PM

What: ULTRAVIOLATION is the ULTIMATE annual show for the fluorescent mineral enthusiast, whether a novice or serious collector. The show features many of the world's premier fluorescent mineral COLLECTORS AND DEALERS who strive each year to bring the biggest, brightest and best fluorescent minerals to satisfy the insatiable cravings of the fluorescent collector. ULTRAVIOLATION highlights fluorescent minerals exclusively and is the next best thing to night collecting. Free admission and a fluorescent mineral specimen for each junior mineralogist 12 years and younger when accompanied by an adult.

Admission: \$2.00 Donation, Children 12 & Under Free

Dealers: 8' TABLE \$30 – ½ TABLE \$15 ADVANCED REGISTRATION FOR DEALERS IS ADVISED

SEND YOUR CHECK MADE PAYABLE TO:

Lee McIlvaine, 8510 Elliston Dr. Wyndmoor, PA 19038 Or Paypal electronic payment to leemcilvaine@yahoo.com

For information call Lee McIlvaine at 215-713-8020 or email uvgeologist@yahoo.com

65th Annual Paul Desautels Micromount Symposium

Saturday, October 9th, 2021 at 1 pm Eastern, by Zoom

Hall of Fame Inductions by Quintin Wight

Talks by Jean-Luc – “Micromounts of the Sancy Massif” and Tony – “The Journey from an Unknown to a New Mineral”

Voice Auction - Items Selected and Auctioned by Al Pribula

Register with Mike Seeds mseeds@fandm.edu to receive a free Zoom invite

Paleopalooza Weekend

Saturday and Sunday, October 23 and 24

10 a.m.–5 p.m. (special Member's Only hour 9–10 a.m.)

Activities free with admission

All ages

Cap off a week of Paleopalooza events and join us at the museum to learn all about fossils and explore the Academy's signature exhibits. Meet Academy scientists and check out the interesting specimens they're working on. Hear some of the secrets of Dinosaur Hall at guided tours throughout the day. Make-and-take a Cretaceous craft, talk to our knowledgeable paleontology partners and check out rare specimens. Listen to our researchers talk about their latest projects and discover how the ancient world is still with us in some of our auditorium presentations

<https://ansp.org/programs-and-events/festivals/paleopalooza>



Quote of the Month:

When I was a young boy, I used to gaze through the microscope of my father at the insects in amber that he kept in the house. And they were remarkably well preserved, morphologically just phenomenal. - **Hendrik Poinar**

DVESS Directory for 2021

<u>Officers</u>	<u>Committee Chairs</u>
President: Mark Leipert 856-524-2103 mark.leipert@yahoo.com Vice President: Amy Simpson 856-821-2083 simpsonamyj77@gmail.com Secretary: Phyllis Grieco phyllisgrieco494@gmail.com Treasurer: James Brennan 610-322-1540 brenimage@hotmail.com	Junior Rockhounds Chair: Millard LeCompte 609-458-7763 WorksInFaith08009@gmail.com Field Trips: Mark Leipert Co-Field Trips: Ed & Alice Houseal alicehouseal@verizon.net Membership: James Brennan
	<u>Other Information:</u>
<u>Newsletter</u> Editor: Susan Moore aquamarinepaisleyorchid@yahoo.com	<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 + \$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.

