

DVESScapades

escapades: interesting, stimulating, exciting activities and adventures



DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



January 2024



This Meeting: Wednesday, January 10th (in-person and Zoom)

7:00 pm: Program: "Moving Marvin's Magnificent Mass: The Story of Collecting the Hind Quarters of an Edmontosaurus"

Speakers will include Dr. Kristyn Voegelé from Rowan University, Dr. Paul Ullman from North Dakota University and a number of students who worked to remove the dinosaur out of the badlands.

Next Meeting: Wednesday, February 14th

Program: James Van Fleet will be our guest speaker and will be talking about "Fluorescent Minerals of Pennsylvania." More information will be provided in next month's newsletter.

Meeting location: Education Bldg. behind Centenary United Methodist Church,
149 South White Horse Pike, Berlin NJ 08009

President's Message

Hey Folks, New Prez here. For those of you who know me, skip ahead. For those who don't, read on. I'm John Arsenault. I grew up and have lived in NJ all my life. I'm married and have a fantastic daughter and 4 equally fantastic grandkids. And yes, the wife is fantastic as well. Perhaps like you, I've been collecting fossils and rocks since I was 7 or 8 and still have some of them in my collection. I currently have about 1,200 specimens. I am self-taught so I don't have any formal training except for taking some geology courses to get my computer science degree. I do read a lot and do a ton of research on the old interweb. Outside of collecting rocks, my hobbies include coin and paper currency collecting, camping, and live music events.

My goal as president is to have fun. If we're not having fun, then we shouldn't be doing it. Right? I promise to listen to every suggestion or idea as this is **OUR** club, not my club. I will always consult with Mark and the other executive committee members before doing anything. And it must be in the club's best interest!

My phone number and email are below. Feel free to contact me with any thoughts on how we can have more fun or make this a better club. (Note: If you call and I don't recognize the number, I probably won't answer, so it might be better to text me first.)

We are making plans for our winter and early spring field trips now.

Please contact Mark should you have any ideas of localities or specimen types (fossil or minerals) you would like to visit.

If you have any photos of your adventures, old or new, that are earth science related, please send them in.

If you are aware of other events or shows, or an interesting science article, again send them in and we'll get them in the newsletter.

Dues: Annual club dues are due for 2024. The base fee is \$20.00, while each additional member from a family will increase to \$15.00. This increase will help cover EFMLS dues and insurance per person. Senior citizens will remain at \$10.00 for the year.

Happy New Year,

John Arsenault - President

Shows and Events

January

Delaware Museum of Nature and Science, January 13, 10 am - We will be meeting at the museum. Possible scouting side trip to C&D canal. More details at January meeting. 4840 Kennett Pike, Wilmington, DE 19807. <https://delmns.org/>

Rutger's Geology Museum Open House, January 27th - The theme of the Geology Museum's 56th Annual Open House Event in January 2024 will be Ancient Seas! A fun-filled day of lectures and activities focused on ancient sea life like mosasaurs and trilobites!
<https://geologymuseum.rutgers.edu/annual-open-house>



All events will be held in Scott Hall and the Rutgers Geology Museum located on the College Avenue Campus in New Brunswick, NJ. For information on parking, locations, etc. please check out the Open House information page. Doors open at 9:00.

Special arrangements are made so that Open House Visitors can park in Rutgers Lots 11, 16, 26, 30, and the College Ave Deck, but you **must** [register your vehicle](#) to avoid a citation. Additional parking is also available in the metered spots on the local roads and in the parking decks in downtown New Brunswick labeled "P". Both of these options require payment to be made. The city will ticket on Saturday at the meters. Link to register vehicle:

<https://rudots.nupark.com/v2/portal/eventregister/7a0616e7-eed3-47dc-9504-004de68e4def#/events/registration/>

Mineral Sale

- 9 am to 3 pm, Scott Hall Room 135
- Credit cards, checks, and cash are accepted.
- 6.625% NJ sales tax will be applied to all purchases.

Lecture Series

All lectures will be held in Scott Hall Room 123.

10 am to 11 am: "Growing with Trilobites: Studying Growth and Evolution in this Iconic Fossil Group" Mark Nikolic, PhD Student, American Museum of Natural History

11:30 am to 12:30 pm: "The Serpent Rises from the Waves: On the Origin of *Mosasaurus*, Lizard King of the Cretaceous" Amelia Zietlow, PhD Student, American Museum of Natural History

2 pm to 3 pm: "What Shark Teeth Can Tell Us About Ancient Oceans" Dr. Alliya Akhtar, PostDoc, Princeton University

The **Rutgers Geology Museum** will also offer our littlest visitors an opportunity to learn about the latest discovers in science. Kids age 8+ can join the museum staff as they lead them through various earth science based hands-on activities. No registration is required but it is suggested you come early as spots fill up fast. Check the official Open House flyer for the times and listings.

The open house also includes a rock and mineral identification program.

March

Delaware Mineralogical Society Annual Show - Saturday, March 2, 10-5; Sunday, March 3, 11-5. The Doubletree Hotel Wilmington, 4727 Concord Pike, Wilmington, Delaware. Two full ballrooms of dealers offering wonders for every budget. Club sales table offers affordable pieces for those just starting their collections. Learn about rocks and fossils in the exhibit area.

Tickets are sold at the door only. Ticket pricing: Adults (17-59): \$6.00 (download coupon for \$1.00 off adult admission). Seniors (60+): \$5.00. Juniors (12-17): \$3.00. Free for children under 12 and scouts in uniform. <https://www.dmsrocks.org/news-updates-1>

2024 Mineral Treasures and Fossil Fair - Saturday, March 23, 10 am to 5 pm; Sunday, March 24, 10 am to 4 pm. Lulu Temple, 5140 Butler Pike, Plymouth Meeting, PA., (PA Turnpike, exit 333; or I-476, exit 20) Free Parking. Adults: \$7.00. Kids 12 and under: \$2.00; Uniformed scouts and troop leaders free. **Special Features:** On both days a line-up of distinguished professional speakers will be presented. In addition, there will be fossil and mineral displays, educational materials, door prizes and a food concession. Thirty dealers will offer fossils, minerals, crystals, and jewelry from all over the world, as well as books, decorative items, and other merchandise. Demonstrations of micro-specimens will be presented throughout the show by the Leidy Microscopical Society. Young visitors can enjoy the annual fossil dig for children, and the kid's corner with free mineral and fossil specimens. Information: www.phillyrocks.org. Contact: Cheryl Leibold, cleibold@verizon.net

Articles

NASA releases new images of solar system's "most volcanic world"

<https://news.yahoo.com/nasa-spacecraft-makes-approach-most-140200147.html>

Juno makes closest visit to volcanic moon since 2001

<https://science.nasa.gov/mission/juno/?ftag=YHF4eb9d17>

Joke of the Month

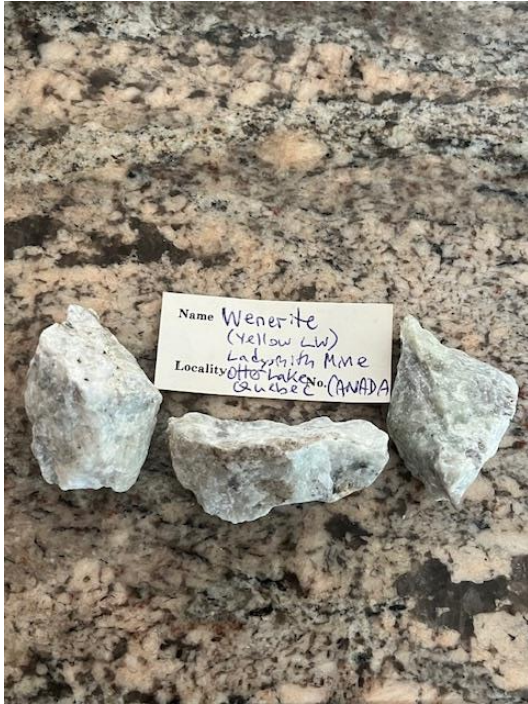
What's a geologist's favorite ice cream?

Rock erode!



Photos

Recent acquisitions of fluorescent minerals from Ultraviolation Mineral Show -
by John Arsenault



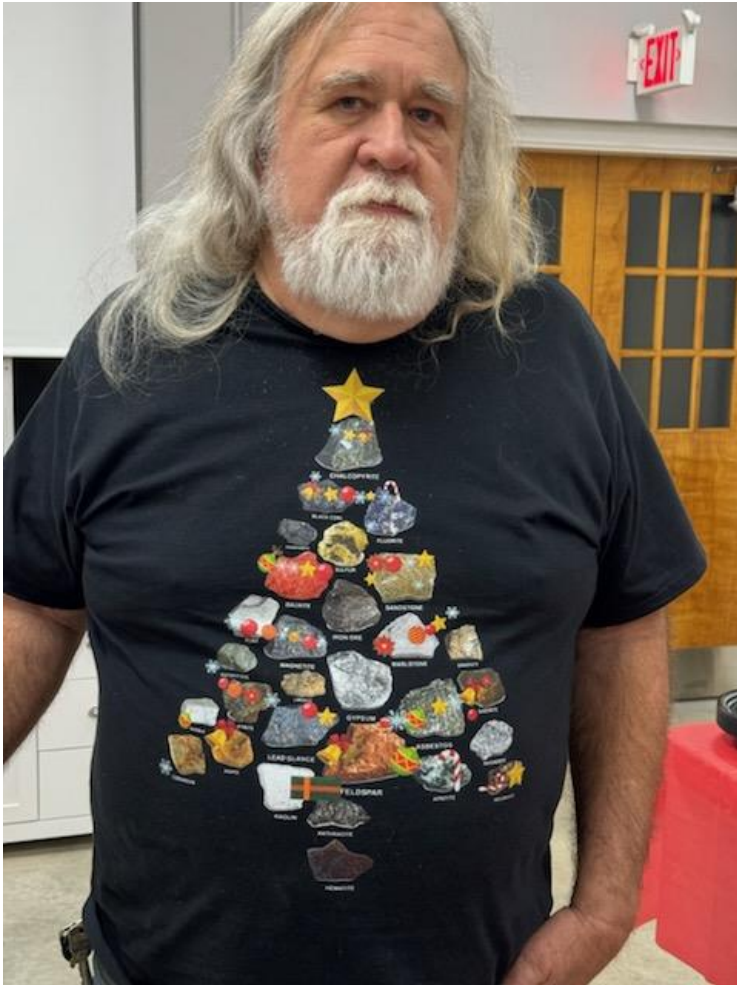


DVESS Holiday Party

by Val Korszniak







DVESS Directory for 2024

Officers

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Field Trips: Mark Leipert

Co-Field Trips: Fred Hochkile

Membership: James Brennan

Other Information:

Website: www.DVESS.org

Facebook: [DVESSNJ](#) – Amy Simpson

Newsletter

Editor: Susan Moore
aquamarinepaisleyorchid@yahoo.com



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)

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.

