

DVESScapades

escapades: interesting, stimulating, exciting activities and adventures



DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



March 2023



Next Meeting: Wednesday, March 8th, via Zoom

7:00 pm: Social hour

8:00 pm: **Show and Tell** - your favorite **Calcite** crystals

President's Message

We are continuing to hold Zoom meetings for a few more months. We will be making reasonable attempts to conduct hybrid types of meetings (in-person and Zooming at the same time) in the beginning as long as there is interest. We may also have in-person meetings in the spring and early summer, take a break in July/August, but still run field trips and go back to Zoom during the winter months. We'd like to hear from you, let us know what you would like to see.

With some of these 60-to-70-degree days that have been popping up we might be able to sneak in a trip or two. We are making plans for our spring field trips now. Please contact me should you have any ideas of localities or specimen types (fossil or minerals) you would like to visit. We are still trying to plan on taking Ralph Johnson up on his invitation to see his Upper Cretaceous Fossils of NJ at his Monmouth Amateur Paleontology Society (MAPS) museum.

Updates on the Edelman Fossil Quarry and Museum construction: It looks like the museum will open late 2023 or early 2024. For a photographic update on progress, you can go to Instagram and look up Kenneth Lacovara; you can see some really cool drone photographs and videos of the museum's construction progress.

Dues: Last call for dues. Annual club dues are due for 2023. The base fee is \$20.00 while each additional member from a family remains at \$5.00. Senior citizens are only \$10.00 for the year.

Wednesday, March 8th Program: We are going to have a **Show and Tell** this month. Each member who would like to participate can show up to 2 of their favorite **Calcite** crystals from anywhere throughout the world. Just in case, have a few more specimens nearby if we need more to fill the timeframe.

Wednesday February 8th speaker: **Special thanks to our** guest speaker **Dr. Lily Pfeifer from Rowan University** who presented an exciting talk on the **Permian Loess and Equatorial Glaciation in Eastern Equatorial Pangea**. Both of our speakers from January and February enlightened us with how geology, climate

and glaciation interacted and played a role in the past and future climate solutions.

I will send out the Zoom invitations two or three days before the meeting. Remember each time the access code is different. Don't try to use the old password because it won't work. Don't forget your specimens for **Show and Tell**.

The next River Winds Environmental Cleanup will be in the spring. Hopefully it's much warmer out then. We are looking for a better turnout. More details to follow.

Classroom Visit, February 3rd at Folsom Elementary School: If you remember from the last newsletter I mentioned that I had talked to a teacher who asked if I would go to her classroom and talk to her students about Geology/Earth Science. I told her that our club would love to be a resource for teachers. So, I went to Folsom Elementary School on February 3rd to talk about rock formation, the rock cycle and the three rock types. I promised to go back on February 21st to talk about fossils and fluorescent minerals.

When I arrived, the students remembered me from before and were excited watching me set up my fossil display and my surprise fluorescent mineral display. Their hands were in the air asking all types of questions about fossils, various types of sharks and digging up dinosaur bones. They were able to touch and hold a few of the fossil specimens. It was non-stop until I left 1 ½ hours later. Each student got their own 65 + million-year-old *Belemnitella americana* collected from Chestnut Branch creek in Sewell, NJ. The last thing I did before leaving them was to show them my fluorescent mineral specimens from Franklin and Sterling Hill. I heard many oohs and ahhs. None of the students had ever seen fluorescent minerals before. I handed out many brochures for Franklin Mineral Museum and the Sterling Hill Mining Museum to the students and teachers. See photos from my visit below in this newsletter. I'm already invited to come back next year.



Field Trips:

MAPS Museum Trip is still in the planning stages. More details to come.

Delaware Mineralogical Society's Annual Gem, Mineral and Fossil Show: At the Double Tree by Hilton at 4727 Concord Pike (Rt-202), Wilmington, DE this Saturday, March 4th and Sunday, March 5th. From 10 am to 5 pm each day.

Mineral Treasures and Fossil Fair 2023: At the LuLu Temple, 5140 Butler Pike, Plymouth Meeting, PA on Saturday, March 25th from 10 am to 5 pm and Sunday, March 26th from 10 am to 4 pm. Sponsored by the Delaware Valley Paleontological Society and the Philadelphia Mineralogical Society. Guest speakers will be Dr. Kenneth Lacovara and Dr. William Gallagher. Make sure to check the schedule for when speakers are supposed to present.

Cape Atlantic Gem & Mineral Club Gem and Mineral Show in Cologne, NJ will be holding their annual gem and mineral show on Saturday, May 20th and Sunday, May 21st from 10:00 to 5:00 each day.

Mark Leipert, President

Shows and Events



March

Delaware Mineralogical Society's Annual Gem, Mineral and Fossil Show: At the Double Tree by Hilton at 4727 Concord Pike (Rt-202), Wilmington, DE on Saturday, March 4th and Sunday, March 5th. From 10 am to 5 pm each day. <https://www.dmsrocks.org/>

Mineral Treasures & Fossil Fair: March 25th, 10 am to 5 pm & March 26th, 10 am to 4 pm. LuLu Temple, 5140 Butler Pike, Plymouth Meeting, PA. Fossils, minerals, gems, speakers, and exhibits. Kids mineral corner and fossil dig with free giveaways. Food and door prizes throughout both days. Admission: \$7 adults, \$2 kids 12 and under, scouts in uniform free. <https://www.philamineralsociety.org/spring-mineral-show>

April

4th Annual OUTDOOR South Jersey Gem, Jewelry, Mineral & Fossil Show. April 29, 10 AM – 5 PM. 1721 Springdale Rd, Cherry Hill, NJ 08003-2133, United States

May

Cape Atlantic Gem & Mineral Club Gem and Mineral Show will be holding their annual gem and mineral show on Saturday, May 20th and Sunday, May 21st from 10:00 to 5:00 each day. Outdoors, Rain or Shine, Free to the public. 2653 Cologne Avenue, Mays Landing, NJ 08330

July

Eastern Federation of Mineralogical and Lapidary Societies 73rd National Convention, July 7 – 9, 2023. Host: Gem and Mineral Society of Syracuse. Show location: Center of Progress Building, NYS Fairgrounds 581 State Fair Blvd., Syracuse, NY 13209. Host Hotel: Holiday Inn & Suites 400 Seventh North Street, Liverpool, NY

News

Astronomers still have their eyes on that asteroid NASA whacked

<https://www.npr.org/2023/03/04/1161082351/astronomers-still-have-their-eyes-on-that-asteroid-nasa-whacked>

Asteroid lost 1 million kilograms after collision with DART spacecraft

<https://www.nature.com/articles/d41586-023-00601-4>

DART's epic asteroid crash: What NASA has learned 5 months later

<https://www.space.com/nasa-dart-asteroid-crash-what-nasa-learned>



Quote of the Month:

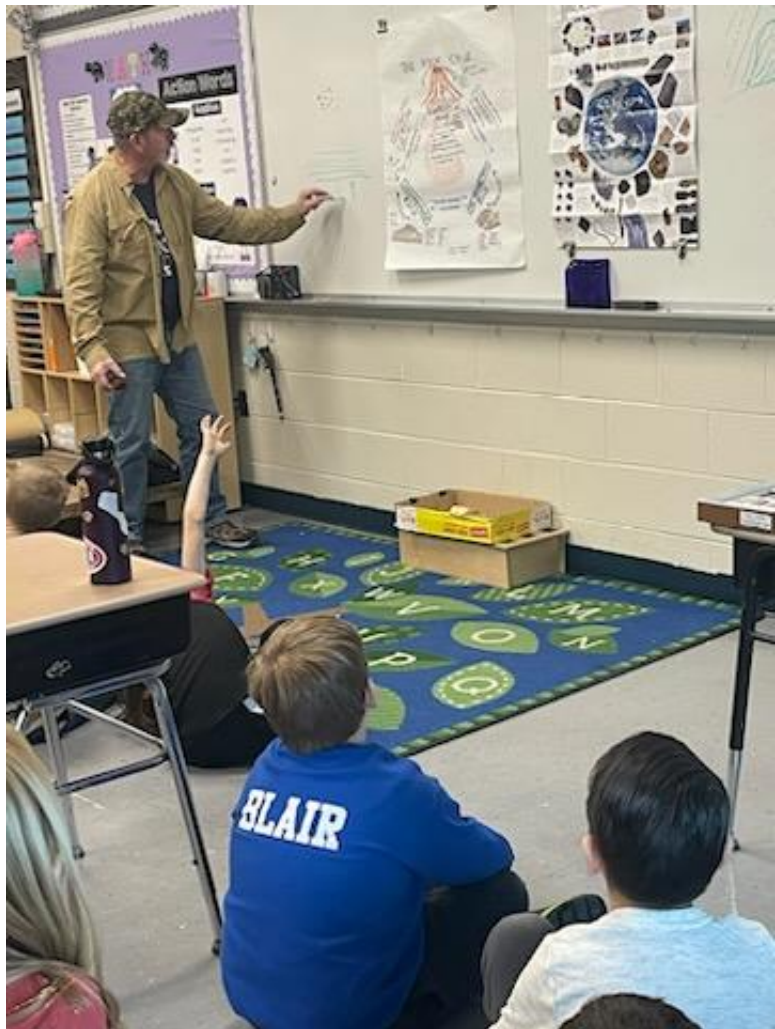
Asteroids have us in our sight. The dinosaurs didn't have a space program, so they're not here to talk about this problem. We are, and we have the power to do something about it. I don't want to be the embarrassment of the galaxy, to have had the power to deflect an asteroid, and then not, and end up going extinct. - Neil deGrasse Tyson

Photos

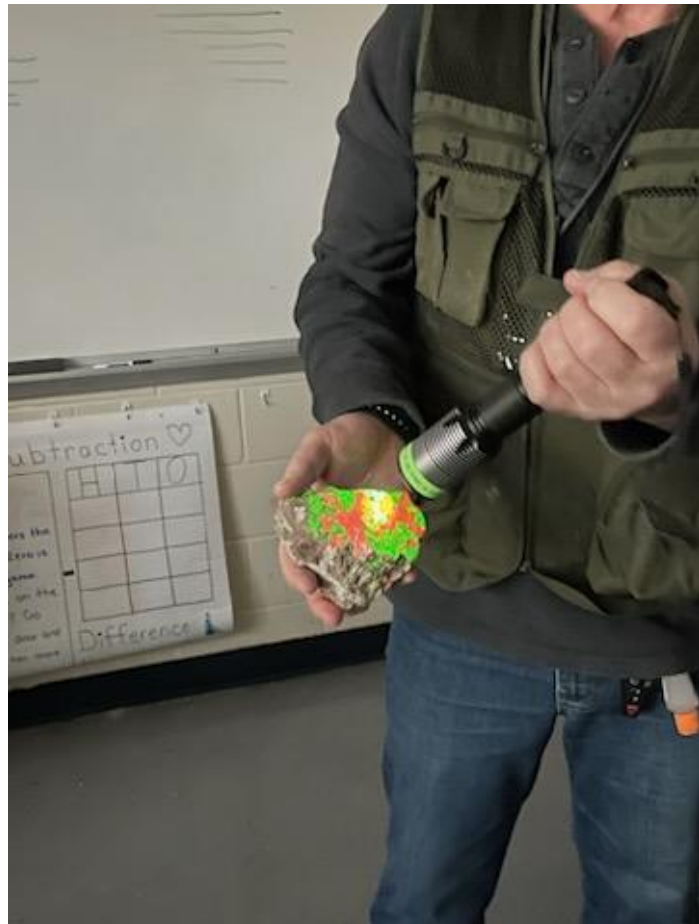
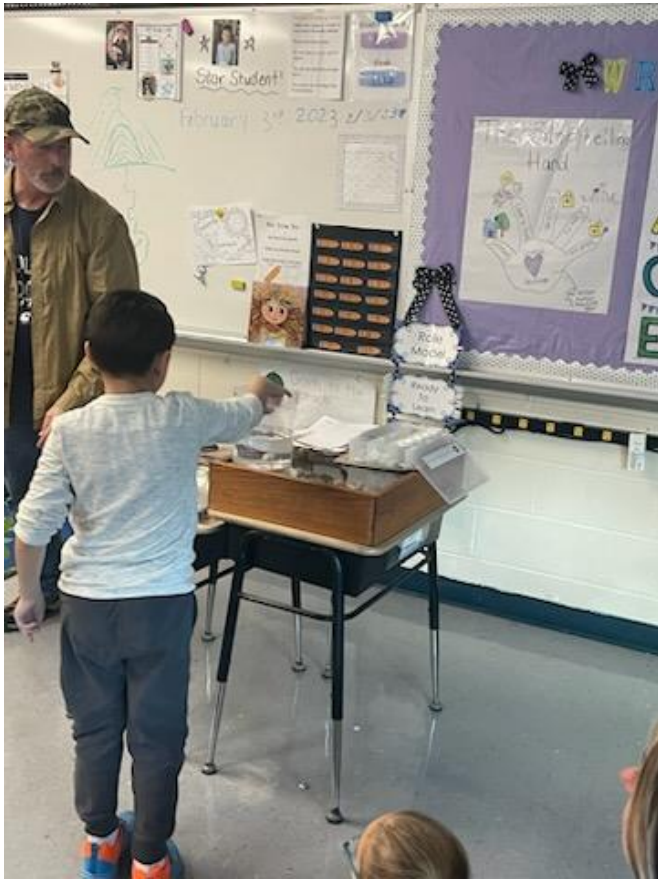
Mark's Classroom Visit, February 3rd at Folsom Elementary School











DVESS Directory for 2023

<u>Officers</u>	<u>Committee Chairs</u>
<p>President: Mark Leipert 856-524-2103 mark.leipert@yahoo.com</p> <p>Vice President: Molly Burlage molly.burlage@outlook.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:</p> <p>Millard LeCompte 609-458-7763 WorksInFaith08009@gmail.com</p> <p>Field Trips: Mark Leipert</p> <p>Co-Field Trips: John Arsenault</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:</u> www.DVESS.org</p> <p><u>Facebook:</u> DVESSNJ – Amy Simpson</p>



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.

