

DVESScapades

escapades: interesting, stimulating, exciting activities and adventures



DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



December 2019



Next Meeting: December 11th

7:00 pm Junior Rockhounds class and adult social hour

8:00 pm Program: Annual Holiday Party and gift exchange -

The club will supply the cold cuts, rolls, and beverages. Members are asked to bring a covered dish (salad, side dish, dessert, or other food item). Bring a wrapped gift (value about \$10.00) and get a gift in exchange.



Robert Todd will present information on Reidite, a very rare mineral, its association with meteorite impacts, and Egyptian glass.

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

President's Corner:

The holidays are upon us already, winter is settling in and the days are getting shorter. We need to plan inside activities like visiting museums, rock, mineral and fossil shows, colleges/universities and the lecture circuit. I am open to suggestions and you can send them to me via email or in person. We are trying to set-up a few behind the scenes tours at several nearby museums. I received a few inquiries about helping lead field trips; I could use one or two more trip helpers/leaders. Thanks.

Election of Club Officers for 2020: We will be postponing our annual club elections from the December meeting to our January meeting. If you are interested in being an officer let me or any other officers know. If you would like to help out but not as an officer, we have several committees that need someone to help run. The current slate is as follows:

President - Mark Leipert

Vice President – Phyllisann Grieco

Secretary – Amy Simpson

Treasurer –Jim Brennan

We will be taking names from the floor for any officers. The nominations will close at the end of the December meeting.

Christmas Party: December 11th: We have a Pollyanna every year. If you bring a gift, you receive a gift. Bring a wrapped gift to the meeting that costs approximately \$10.00. You will receive a ticket if you brought a gift. The club will be providing cold cuts, rolls and drinks. We ask if you could bring side dishes and desserts. The program will be our very own, Robert Todd, presenting information on Reidite, a very rare mineral, its association with meteorite impacts, and Egyptian glass.



Beltzville State Park, Sunday, November 10, 2019: Mark and Fred represented DVESS on a collection trip with the DVPS to the Beltzville State Park to get fossils like trilobites, brachiopods, horn coral and bryozoans. There were approximately 35 people that attended this trip. The site was easily accessible and many kids were in attendance. Many heads and tails of the Phacops rana trilobites were found along with brachiopods and bryozoans.

John Wolf Memorial Collecting Trip to the Odessa Petrified Wood Site on Saturday, November 30, 2019: Phyllisann Grieco, Rick Reed, Bob and Sally Todd, Vince Franchi, Ed and Alice Houseal and myself were in attendance with almost 50 others as we went to Odessa,

Delaware to collect petrified wood. The day was cool but the sun made it manageable. We also went to a bog iron geode site and to the C&D Canal. Everyone had a great time.

Rutgers' Geology Open House, Saturday, January 25, 2020: Rock and minerals sales, special activities for youth at the Geology Museum and natural disaster-themed lectures and events. 9 am to 3 pm. More details at <https://geologymuseum.rutgers.edu/museum-events/annual-open-house/2020-open-house-schedule>.

Fossil Fair and Mineral Treasures Show, Saturday and Sunday, March 28th and 29th of 2020: To be held at the LuLu Temple off Butler Pike in Plymouth Meeting. More details to follow.

Super Diggg 2020, Franklin Mineral Museum, on April 25, 2020: Mark your calendars; we will need everyone's help to make this event work. More details to come in future months.

Mark Leipert, President

Photos

by Mark Leipert

Collecting Devonian fossils at the Belzville spillway in Beltzville Dam State Park, PA



Head of *Phacops rana* trilobite found at Beltzville State Park



Tail of Phacops rana trilobite found at Beltzville State Park



Robert Todd enjoying petrified wood collecting at Odessa, DE



Bob Ertman from Calvert Marine Museum club who organized the John Wolf memorial petrified wood collecting trip



Rick Reed and Alice Houseal digging at the C&D Canal dredge spoils



News

Popocatépetl: Mexico volcano forces KLM flight back to Amsterdam

<https://www.bbc.com/news/world-europe-50603284>

Underwater internet cables can detect offshore earthquakes

<https://www.newscientist.com/article/2224901-underwater-internet-cables-can-detect-offshore-earthquakes/>

Quote of the Month:

“Descend, bold traveller, into the crater of the jökull of Snæfell, which the shadow of Scartaris touches before the Kalends of July, and you will attain the center of the earth. I did it”. – from Jules Verne's *“Journey to the Center of the Earth”*



Shows and Events

2020

January

January 11 - The 2020 Philadelphia Mineralogical Society Swap and Sell. 9 am to 12:00 pm, at Cathedral Village Center, 600 E. Cathedral Rd., Philadelphia (Andorra), 19128. Free Admission, open to the public. Contact: John Rateike, 215-576-0741 (jdrat@comcast.net)

January 25: The 52nd Annual Rutgers University Geology Museum Open House will take place on Saturday, January 25, 2020 between 9 am and 3 pm. Come for a day of natural disaster-themed activities! All events will be held in Scott Hall and the Rutgers Geology Museum located on the College Avenue Campus in New Brunswick, NJ. <https://geologymuseum.rutgers.edu/museum-events/annual-open-house>

Lecture Series

10 am to 11 am: "How the 1849 Gold Rush and the 1906 San Francisco Earthquake Enabled us to Divine our Seismic Future" Dr. Ross Stein, Temblor Inc.

11:30 am to 12:30 pm: "Science in the Public Eye - How a Study of the Physical Properties in the Earth becomes a Threat of Volcanic Catastrophe" Dr. Vadim Levin, Department of Earth and Planetary Sciences, Rutgers University

2 pm to 3 pm: "After Disaster Strikes - Economic Impacts from Natural Disasters and How Modeling Technology Helps Institutions Prepare" Megan Arnold, Risk Management Solutions

March

March 7-8: Delaware Mineralogical Society 57th Gem, Mineral and Fossil Show, Doubletree by Hilton, 4727 Concord Pike (Rt 202), Wilmington, DE 19803. Saturday 10-5, Sunday 11-5. Mineral and fossil dealers; gem, jewelry & lapidary supplies; demonstrations, exhibits and door prizes. Adults \$6, Seniors \$5, Juniors (age 12-16) \$4, free to children and scouts in uniform. www.delminsociety.net

March 28-29: Philadelphia Mineral Treasures and Fossil Fair. Saturday 10 am to 5 pm; Sunday, 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: \$6.00. Children under 12: \$1.00; Uniformed scouts and troop leaders free. Special Features: On both days a line-up of distinguished professional speakers will be presented. The Academy of Natural Sciences of Philadelphia will present a display of minerals from its collection. In addition, there will be fossil and mineral displays, educational materials, door prizes and a food concession. Thirty dealers. Young visitors can enjoy the annual fossil dig for children, and the kid's corner with free mineral gifts. Information: www.phillyrocks.org. Contact: Cheryl Leibold, cleibold@verizon.net.

April

Super Diggg 2020, Franklin Mineral Museum, on April 25, 2020: Mark your calendars; we will need everyone's help to make this event work. More details to come in future months.



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

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To submit an article or photos for publication in the DVESScapades, contact the Newsletter Editor at aquamarinepaisleyorchid@yahoo.com.

