

DVESScapades

escapades: interesting, stimulating, exciting activities and adventures



DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



June 2018

Next meeting - June 13th

7:00 pm Junior Rockhounds classes and adult social hour

8:00 pm **Program:** William Stephens will speak about Wavellite from Mount Pleasant Mills, National Limestone Quarry in PA.

Upcoming Programs:

July and August - no regular meetings

August 5th: Picnic

September: Show and Tell

November: Lauren Adamo from Rutgers on the history of the geology museum



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

President's Corner:

This spring mother nature has not been very field trip friendly. Our last two trips have been postponed due to severe weather. Even though we do not hold summer meetings, we are still planning to run some summer field trips. A number of people were interested in and signed up for the following trips:

Annual DVESS picnic – August 5th at Gerald Feigin's home (63 Berkshire Drive, Sewell, NJ 08080) at 1:00 pm. The hamburgers and hotdogs are provided by the club. We ask that people bring side dishes and salads, snacks and refreshments to share. We encourage everyone to sign up and tell everyone what you are bringing to eat, so we don't wind up with ten plates of brownies. We are setting up a link to "whatareyoubringingtotheDVESSpicnic". Please sign up so we know how many hotdogs, hamburgers and beverages to purchase. Bring a bathing suit to take advantage of the great pool! And bring plenty of money so you can bid on many items at our auction.



Phoenixville Area Locations on Saturday, June 9th: We will meet at the usual place, Woodcrest Station, Parking Lot 8A at 8:30 am. We will visit a new location to find dolomite crystals before we head over to the Pickering Golf Course to visit the Brookdale and Chester Mines to find quartz crystals, pyromorphite, and possibly some silver and lead.

Big Brook/Ramanessin Creek on Saturday, July 14th: We will meet at the usual place, Woodcrest Station, Parking Lot 8A at 8:30 am. We might switch this collecting locality with another one. For now we are using this as a place holder. Sign up at the regular meeting.

Saturday, August 18th - Sayreville Marcasite and Amber near Sayreville, NJ. We have scouted this site out last summer and we know we can find amber, marcasite and lignite. This time we'll be prepared to dig. We'll be meeting at Parking Lot 8A at the Woodcrest Station of the PATCO High Speed Line at 8:30 am. An email will be sent out two days before the trip reminding you that you signed up to go. If something comes up that you are unable to attend or you can now attend, please send me an email at mark.leipert@yahoo.com or text to 856-524-2103.



Edelman Fossil Park at Rowan University, September 22, 2018: details forthcoming on the Annual Community Day Dig. If you would like to help out at our table at the event or sign up for an opportunity to dig and look for fossils, stay tuned.

Medford Quarry in Maryland: Date TBD. We are getting closer to setting a date for a mineral collecting trip to this quarry. I've been told that there is Dog Tooth Calcite, Malachite, fluorescent Calcite and quartz scepters to name a few. Details to follow. If you are interested sign up at the regular meeting.

Special Trip for late September entitled: The role that Geology played during the Gettysburg Campaign. At the time of the Civil War, the science of geology was young, and military geology, as the term is understood today, was years in the future. Yet the principles of military geology, applied or all too often not applied, influenced decisively the outcome of more than one campaign. The Gettysburg campaign is an excellent example of intelligent use by commanders of both armies of terrain and topography and, therefore, of geology. Explore the rocky heights- the Round Tops, Cemetery Ridge, Cemetery and Culps Hills, the mile of treeless plain where Pickett made his ill-fated charge and discover the reasons how geology resulted in the losses of more than 51,000 soldiers in just three days during the nation's bloodiest conflict. Due to the enormity of the area to be covered, such as the National Military Park, which covers an area of about 15 square miles as well as other points of interest found in the historic borough of Gettysburg, an overnight stay is recommended considering the overall travel time.

Mark Leipert, President

Fall EFMLS Workshop at Wildacres, September 3-9

Registrations for the Fall EFMLS Workshop at Wildacres are now being accepted. Each workshop week consists of a Speaker-in-Residence who gives six talks during the week plus the opportunity to participate in one or two classes, a field trip, auction, lots of time to sit in the rocking chairs and talk, visit the canteen or explore the wonderful area around the property.

The Wildacres Retreat is located about an hour north of Asheville, NC and about 2 hours from Charlotte, NC.

The atmosphere at Wildacres is relaxed and casual. Meals are served family style in the lovely dining room, bedrooms all have a private bath and are comfortable.

The cost for the week at Wildacres is \$425 which includes your room and board.

Details at <http://efmls-wildacres.org/>

Photo

by Susan Moore

May DVESS meeting - Jacob Setera from Rutgers giving a presentation on Breakup of Pangea



Quote of the Month:

Equipped with his five senses, man explores the universe around him and calls the adventure Science. — *Edwin Hubble*



News

Mystery dinosaur skeleton sells at Eiffel Tower auction for more than \$2 million

<https://abcnews.go.com/International/mystery-dinosaur-skeleton-sells-eiffel-tower-auction-million/story?id=55628171>

Dozens dead after volcano erupts in Guatemala

<https://www.yahoo.com/news/dozens-dead-volcano-erupts-guatemala-slideshow-wp-154441296.html>

Earthquakes rock Kilauea's summit, lava covers nearly 5,000 acres

<https://www.cnn.com/2018/06/04/us/hawaii-kilauea-volcano/index.html>

Hawaiian Volcano Observatory (HVO)

<https://volcanoes.usgs.gov/observatories/hvo/>



Shows and Events

June

June 2: Mineralfest, Pennsylvania Earth Sciences Association. 8:30 am to 3:00 pm, Macungie Memorial Park, Macungie, PA. Mineralfest is the biannual mineral, fossil, and gem show. Breakfast and lunch available in the building. Free parking, rain or shine, adult admission only \$2.00, free admission and mineral specimens for children under 12, door prizes awarded hourly, gold panning and sluicing demonstrations. <http://www.mineralfest.com/>

September

September 22: Annual Community Day Dig, Edelman Fossil Park at Rowan University.

October

October 13-14: 1st Annual South Jersey Gem, Jewelry, Mineral, and Fossil Show, Jewish Federation of Southern New Jersey Annex Building, 1721 Springdale Road, Cherry Hill, NJ 08003. Saturday 10-6, Sunday 10-5. 16 Dealers, door prizes, refreshments. Adults, \$5; seniors, \$4; children 12-16, \$3; under 12 and scouts in uniform, free. Print & present coupon from website to receive \$1.00 off adult admission ticket! <https://sjmineralshow.com/>

November

November 3-4: Gem, Mineral and Jewelry Show, Trailside Nature & Science Center, 452 New Providence Rd., Mountainside, NJ 07092. 12-5 pm. Held indoors; exhibits, sales, activities, demonstrations. 908-789-3670; www.ucnj.org/trailside



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.

