

DVESScapades

escapades: interesting, stimulating, exciting activities and adventures



DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



February 2018

Next meeting - February 14th



7:00 pm Junior Rockhounds classes and adult social hour
8:00 pm Program

Have you paid your dues for 2018?

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

President's Corner:



Punxsutawney Phil saw his shadow and we have six more weeks of winter. It's definitely too cold for fossil or mineral collecting. We usually spend our time visiting museums, fossil & mineral shows or lectures at a university. Please send me any reasonable suggestions for winter activities that would interest others in the club.

Saturday, January 27, 2018 - Rutgers Geology Museum's 50th Annual Open House - Nine members of our club attended the event which included lectures on several interesting topics, a mineral sale and interesting displays and activities in the Geology Museum. The weather was cold but it was the first time in many years that there wasn't any snow on the ground.

Saturday and Sunday, March 3rd and 4th, 2018: is the Paleo-palooza at the Academy of Natural Sciences, there are many fun activities that are included as part of general admission. There will also be several guest speakers as well as fossil sales.

Saturday and Sunday, March 24th and 25th, 2018: is the Mineral Treasures and Fossil Fair at Lulu Temple, 5140 Butler Pike in Plymouth Meeting, PA. Fossil, Minerals, Gems, Speakers and Exhibits. Learning activities including a Fossil Dig, Kid's Mineral Corner, food and door prizes.

Franklin Mineral Museum Super Dig, April 28th: Mark your calendars for our Annual Franklin Mineral Museum Super Dig that is put on by our club on Saturday, April 28th. This event gets bigger and better every year. Last year we had over 260 people register for this event. We need volunteers to make it work. Contact Mel or Mark if you are interested in volunteering for various positions including registration, sales, membership, weighing in, set up /cleanup and site safety officers, etc. A sign-up sheet will be posted at the February 14th meeting.

Mark Leipert, President

Passing

Former DVESS member **Raymond W. Strohmeier** of Burlington, New Jersey, age 94 passed away on Monday, January 22, 2018. Ray was born on March 1, 1923 and was a US Army Veteran, and retired from RCA in Moorestown, NJ. Our thoughts and prayers go out to the family.

Photos

by Susan Moore

Rutgers Geology Museum Openhouse, January 27th





10 am to 11 am: "New Jersey Fisheries in a Global Context"

Dr. Olaf Jensen, Department of Marine and Coastal Sciences, Rutgers University

11:30 am to 12:30 pm: "Empire of the Apes: the recent discovery of an ape and human ancestor in Africa"

Dr. Isaiah Nengo, Turkana Basin Institute and Department of Anthropology, Stony Brook University

2 pm to 3 pm: "The Appalachians and How They Got That Way: Structure and Dynamics of Eastern North America"

Dr. Maureen Long, Department of Geology and Geophysics, Yale University





Quote of the Month:

There's something about dinosaurs that should be very humbling to human beings. - [Colin Trevorrow](#)

News



Famous *T. rex* begins move to make room for even bigger dinosaur

Sue, the largest and most complete *Tyrannosaurus rex* skeleton ever discovered, is being moved to her new home in the Chicago Field Museum to make room for a cast of the biggest dinosaur ever discovered, the titanosaur or *Patagotitan mayorum*, an herbivore discovered in Argentina.

<http://abcnews.go.com/US/famous-rex-begins-move-make-room-bigger-dinosaur/story?id=52851589>

Spectacular dinosaur stomping grounds discovered just outside D.C.

In 2012, a self-taught fossil hunter noticed the unmistakable shape of a nodosaur's track as he drove out of a parking lot in Greenbelt, MD.

https://www.washingtonpost.com/news/speaking-of-science/wp/2018/01/31/spectacular-dinosaur-stomping-grounds-discovered-just-outside-d-c/?utm_term=.4b5801bbc576

Fossil footprints show dinosaurs and early mammals living side-by-side

A new discovery has been made at NASA's Goddard Space Flight Center in Greenbelt, Maryland, that has nothing to do with space.

<https://newatlas.com/dinosaur-mammal-fossil-footprints/53213/>

Tiny alien stone made from materials not found in our solar system

The stone named "Hypatia" found in the Libyan Desert Glass area of southwest Egypt is carbon-dominated and rich in microdiamonds.

<http://www.sciencedirect.com/science/article/pii/S0016703717307962?via%3Dihub>

910-carat colorless diamond found in Lesotho

The colorless diamond was extracted from the Letseng mine, and is believed to be the fifth largest diamond to be unearthed.

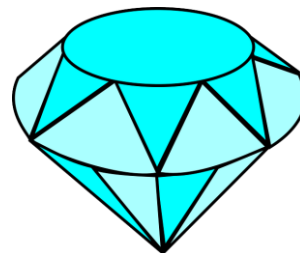
<http://abcnews.go.com/US/910-carat-colorless-diamond-found-lesotho/story?id=52356102>

Lost history of African dinosaurs revealed

A new species of dinosaur found in the Egyptian desert is shedding light on Africa's missing history of dinosaurs.

<http://www.bbc.com/news/science-environment-42860263>

Shows and Events



March

March 3-4: 55th annual Earth Science Gem & Mineral Show sponsored by the Delaware Mineralogical Society. University of Delaware – Wilmington Campus, Arsht Conference Center; 2800 Pennsylvania Ave (Rt 52), Wilmington, DE 19806. Info: www.delminsociety.net

March 3-4: Paleopalooza at the Academy of Natural Sciences of Drexel University. Every year, the Academy celebrates all things prehistoric during Paleopalooza, a two-day festival of fossils. We offer new and exciting activities each year, along with our most popular and recurring attractions.

March 24-25: 49th Annual Gem and Mineral Show sponsored by the Che-Hanna Rock & Mineral Club. Wysox Vol. Fire Co Social Hall, 111 Lake Rd; Wysox, PA. Info: www.chehannarocks.com

March 24-25: 2018 Mineral Treasures and Fossil Fair sponsored by the Philadelphia Mineral Society & Delaware Valley Paleontological Society. LuLu Temple, 5140 Butler Pike, Plymouth Meeting, PA (PA Turnpike exit 333, or I-476, exit 20). Info: www.phillyrocks.org or cleibold@verizon.net

April

April 5-9: The American & Eastern Federations of Mineralogical Societies National Show & Convention – NC State Fairgrounds, Raleigh, NC.

April 14-15: 29th Annual North Jersey Gem, Mineral & Fossil Show. Midland Park High School, 250 Prospect St., Midland Park, NJ. Saturday 10-6, Sunday 10-4. Featuring rocks, minerals, fossils, crystals, gemstones, jewelry, metaphysical, lapidary rough, and rockhounding supplies. Free parking, all indoors. Admission: \$5 adult, \$4 seniors. Under 12 free. www.nojms.webs.com

April 28: Franklin Mineral Museum Super Dig - Save the date! We need volunteers to make it work. Contact Mel or Mark if you are interested in volunteering for various positions including registration, sales, membership, weighing in, set up /cleanup and site safety officers, etc.

May

May 12: The Earth Science Show & Sale, Presented by The Rock & Mineral Club of Lower Bucks County, PA at Christ United Methodist Church, 501 Wistar Road, Fairless Hills, PA; 9:00 AM to 3:00 PM; Rocks, Minerals, Fossils, Lapidary Arts, Jewelry & All Things Related to the Earth Sciences; Admission: \$2.00 Donation, Children 12 & Under Free; Dealers: 6' Table \$20 - 1/2 Table \$10, Registration Required; Send Check to: Brian Schwab, 539 Sycamore Ave., Croydon, PA 19021, Payable to RMCLBC. For Additional Information call: 215-788-3993 and Leave Message for Brian to return the call.



Notice

Ralph Thomas of the Lower Bucks Club has a Unitron Modular ZSB Stereo Zoom Microscope for sale. The ZSB binocular microscope features a 6.5:1 ratio, continuously variable zoom objective system 0.7X to 4.5X, at a constant long working distance of 86mm. This gives total powers from 7X to 45X with the standard 10X widefield eyepieces. Using other appropriate eyepieces and lens attachments, the magnification range can be increased from 3.5X minimum to 180X maximum. Images stay in sharp focus throughout the zoom range. The unit also includes an extra set of 15X eyepieces, ring lamp and carrying case. Price is @\$450.00. If you are interested, please contact Ralph at 215-295-9730.



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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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.

