

DVESScapades

escapades: interesting, stimulating, exciting activities and adventures



DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



February, 2014

Next Meeting: February 12, 2014

Program: DVD [tba]

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

Winter Weather Advisory

in case of bad weather, the meeting will be CANCELLED
if the Berlin Schools are CLOSED. Listen for School
Closing Number 579



Program Schedule

Derek Yoost and John Sanfacon in the works for 2014.



President's Message: By Mark Leipert, President

Is it cold enough for everybody? I'm ready for spring. Since Punxsutawney Phil saw his shadow we're going to be seeing more of this frigid weather. I'm open to suggestions for museums to visit until its warm enough to collect again. We are planning out our spring field trip schedule.

On Saturday, January 11th, Sue VanCola, Susan Moore and I went to the Cumberland County Prehistoric Museum in Greenwich, NJ. While travelling through the back country roads of South Jersey, we came across an American Bald Eagle in a farmer's field munching on breakfast, just outside of Centerton. He continued to eat while we stopped for a photo opportunity. The Prehistoric Museum is a small museum loaded with Indian artifacts including pottery, projectile points, many types of stone tools and ceremonial objects. They also had a nest of dinosaur eggs, dinosaur footprints, and a variety of marine fossils. There are several other museums in the area but they are closed this time of year. The area is rich in history and is definitely worth another look when all the other museums are open.

On Saturday, January 25th, several members braved the arctic cold to attend Rutger's Geological Museum's Open House. Garry Weinstein, Susan Moore, Lou Detofsky, Val Korszniak and I took in all four lectures, the rock & fossil sale and visited the Geology museum. It was a nice relaxing snowy day and we walked to the student center for lunch. The snow stopped just as we returned to Gary's to pick up our vehicles.

PaleoPalooza – February 15th & 16th at the Academy of Natural Sciences: Free with general admission. The DVPS will be supporting the event with a member table where visitors can pick up information on the organization as well as see and touch fossils. Lots of fun

activities for the whole family. Click on this link to get more information about the two-day event. <http://www.ansp.org/get-involved/programs/festivals/paleopalooza/>

Sunday, February 16th, Mutter Museum Tour: Our long-anticipated trip to the Mutter Museum in Philadelphia is scheduled for Sunday, Feb. 16th at 10 am. Admission price is \$8 for students or seniors and \$10 for adults; if we do not have enough people to constitute a group, cost will be General - \$15, Senior (65 and over) - \$13 (with valid ID), Youth (6-17 years) - \$10, Student - \$10 (with valid ID), Children (5 & under) – free. We will carpool and park in a lot which will be an additional charge (possibly @ \$22.00 per car). We have requested a guided tour, but these are generally available only on weekdays, so that is possible but unlikely. We need to have final numbers at the February 12th meeting. There will be sign-up sheets at the meeting. If you are unable to attend the meeting please contact Ann Benson.

<http://www.collegeofphysicians.org/mutter-museum/>

Combined Events: The EFMLS Annual Convention will be held in conjunction with the Mineral Treasures & Fossil Fair Show, March 29th to 30th at LuLu Shriners Temple, 5140 Butler Pike, Plymouth Meeting, PA. The EFMLS Convention from March 28th to 30th is just up the road at the Double Tree Suites Hotel. The event will be hosted by Philadelphia Mineralogical Society and Delaware Valley Paleontological Society. The Mineral Treasures and Fossil Fair Show hours are Saturday 10:00 to 5:00 and Sunday 10:00 to 4:00. The show features mineral specimens, fossils and gems, with about 25 minerals dealers and a fossil fair. There will be a Kids' corner with a fossil sandbox and free specimens, mineral and fossil lectures, fossil and mineral exhibits, door prizes and free parking.

Super Science Saturday, May 3rd at Trenton State Museum: Our club will be participating once again. This is a great event for kids. Organizations located all over the state will have displays, hands-on activities and information regarding various fields in science. We need some volunteers to help man our table and distribute information and mineral specimens to visitors. If you are interested in helping please sign up at the February 12th meeting or contact Mark or Ann.

Sterling Hill Super Dig, April 26th: Mark your calendars for our Annual Sterling Hill Super Dig that is put on by our club on Saturday, April 26th. This event gets bigger and better every year. Last year we had over 420 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. As an incentive for those who volunteer for 3 hours of time during the day, you will receive free entrance into the event. For those who volunteer for at least the entire day they receive free entrance plus get their annual banquet dinner for free. A sign-up sheet will be posted at the February 12th meeting.

News

Volcano Sinabung: Deadly eruption on Indonesian island. February 1, 2014

A volcano has erupted on the Indonesian island of Sumatra, engulfing villages in hot ash and killing at least 14 people. <http://www.bbc.co.uk/news/uk-26000359>



Boulder nearly destroys Italian farmhouse. January 21, 2014

A huge boulder missed a farm house in Northern Italy by less than a meter, destroying the barn, and stopped in the vineyard. A second boulder just stopped behind the house.

<http://www.cbsnews.com/pictures/boulder-nearly-destroys-italian-farmhouse/>



Websites of the Month

Rutgers Geology Museum - <http://geologymuseum.rutgers.edu>

Philadelphia Mineralogical Society - www.philamineralsociety.org

Eastern Federation of Mineralogical and Lapidary Societies - <http://www.AmFed.org/EFMLS>

Mutter Museum - <http://www.collegeofphysicians.org/mutter-museum/>

Field Trip Photos

Cumberland County Prehistoric Museum in Greenwich, NJ.

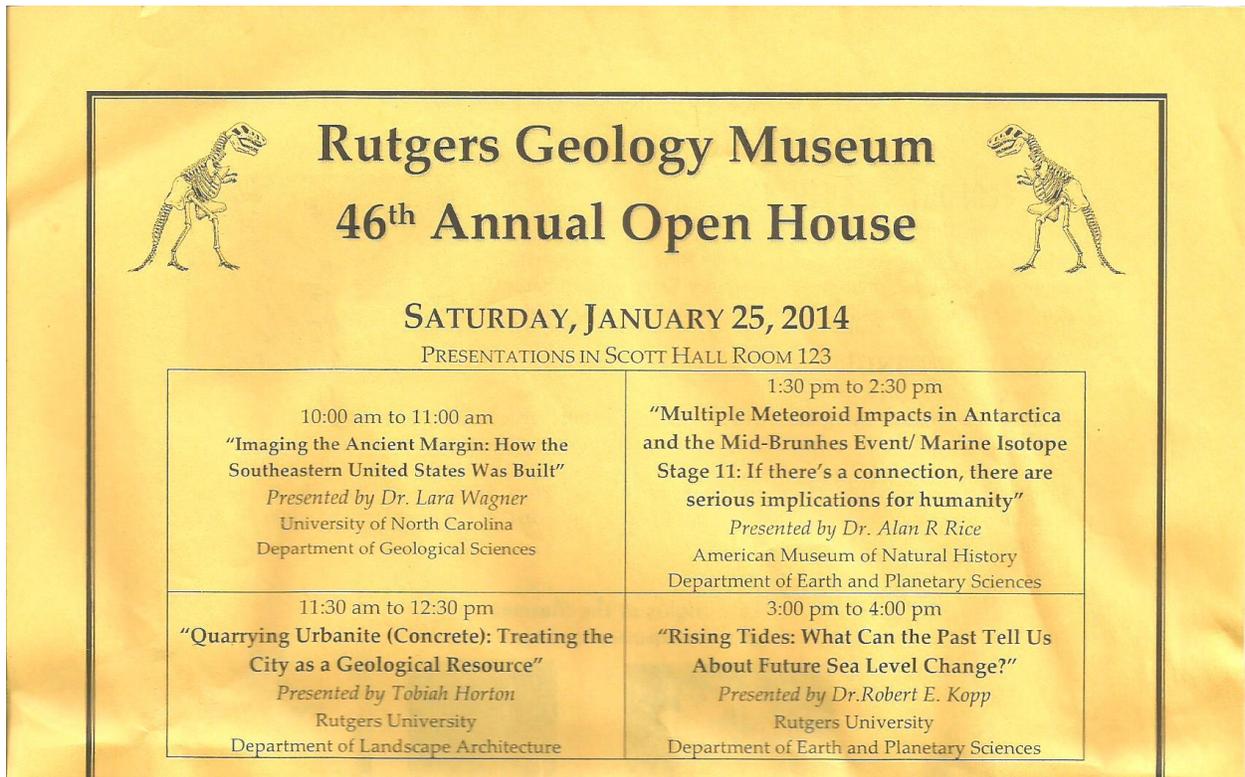


A bald eagle we spotted along the way to Greenwich



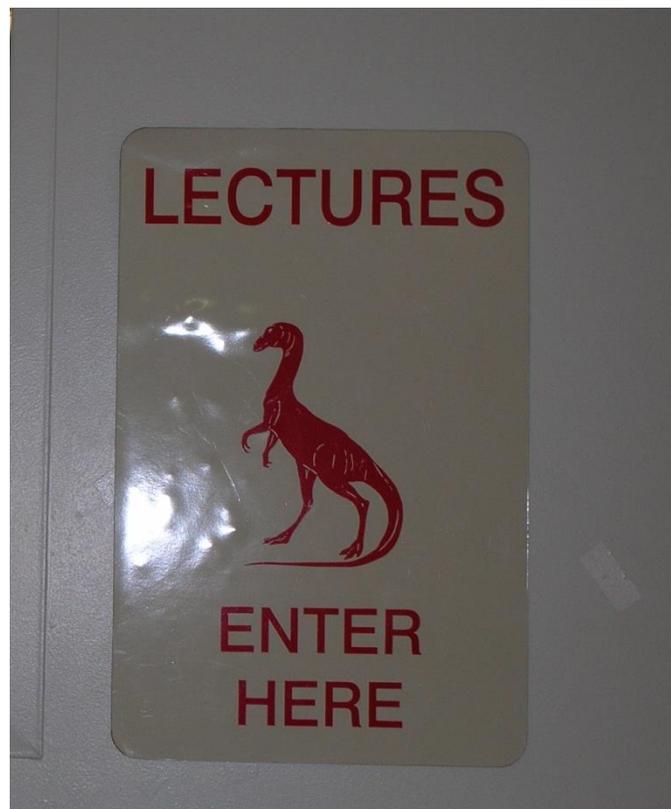


Rutger's Geological Museum's Open House



The poster features a yellow background with a black border. At the top center, the text reads "Rutgers Geology Museum" and "46th Annual Open House". On either side of this text is a black silhouette of a dinosaur skeleton. Below the title, it says "SATURDAY, JANUARY 25, 2014" and "PRESENTATIONS IN SCOTT HALL ROOM 123". The main content is organized into a 2x2 grid of presentation slots.

<p>10:00 am to 11:00 am "Imaging the Ancient Margin: How the Southeastern United States Was Built" <i>Presented by Dr. Lara Wagner</i> University of North Carolina Department of Geological Sciences</p>	<p>1:30 pm to 2:30 pm "Multiple Meteoroid Impacts in Antarctica and the Mid-Brunhes Event/ Marine Isotope Stage 11: If there's a connection, there are serious implications for humanity" <i>Presented by Dr. Alan R Rice</i> American Museum of Natural History Department of Earth and Planetary Sciences</p>
<p>11:30 am to 12:30 pm "Quarrying Urbanite (Concrete): Treating the City as a Geological Resource" <i>Presented by Tobiah Horton</i> Rutgers University Department of Landscape Architecture</p>	<p>3:00 pm to 4:00 pm "Rising Tides: What Can the Past Tell Us About Future Sea Level Change?" <i>Presented by Dr. Robert E. Kopp</i> Rutgers University Department of Earth and Planetary Sciences</p>





A quick visit to the Geology Museum between lectures.



Upcoming Field Trips

Sunday, February 16th, Mutter Museum Tour: 10 am. Group admission price is \$8 for students or seniors and \$10 for adults. We will carpool and park in a lot which will be an additional charge.

<http://www.collegeofphysicians.org/mutter-museum/>

Lou's Grand (Coastal Geology) Tour – postponed from October 2013 to Spring 2014.

Shows and Events

February 2014

February 15–16 - PaleoPalooza at the Academy of Natural Sciences: Free with general admission.

<http://www.ansp.org/get-involved/programs/festivals/paleopalooza/>

March 2014

March 1–2 - Newark, DE - 51st Annual Earth Science Gem and Mineral Show, Delaware Mineralogical Society, Inc. at the Delaware Technical & Community College, 400 Stanton-Christiana Road, Newark, DE 19713. Sat. 10 am - 6pm, Sun. 11 am-5 pm. Exhibits, displays, dealers, door prizes, lapidary demonstrations, children's booth. Adults \$6.00, Seniors \$5.00, Juniors \$4.00, and children under 12 free with Adult. Contact Wayne Urion (302) 998-0686 (wurion@aol.com). Info and Discount coupons at www.delminsociety.net

March 8–9 – Clifton, NJ - 25th Annual Clifton/North Jersey Gem & Mineral Show, Sponsored by the North Jersey Mineralogical Society. 10am - 5pm at The Pope John Center, 775 Valley Road, Clifton, NJ

March 22–23 – Sayre, PA - 45th Annual Che-Hanna Rock & Mineral Club Show, Athens Twp. Vol. Fire Hall, Sayre, PA Contact 570-928-9238 uvbob@epix.net

March 22–23 – Chambersburg, PA - 36th Annual Gem- Mineral & Jewelry Show. Hamilton Heights Elementary School, 1589 Johnson Road, Chambersburg, PA. Saturday 10 am- 5 pm, Sunday 10am- 4 pm, Admission \$5.00- Children under 12 free with adult. mlmo@innernet.net

March 29–30 – Plymouth Meeting, PA - Annual MINERAL TREASURES + FOSSIL FAIR show and sale, Plymouth Meeting, PA. Presented by The Philadelphia Mineralogical Society, The Delaware Valley Paleontological Society with The Eastern Federation of Mineralogical & Lapidary Societies' Annual Convention. LuLu Temple, 5140 Butler Pike, Plymouth Meeting, PA. Sat. 10am - 5pm Sun. 10 - 4. Adults - \$5.00; Kids under 12 \$1.00. Scouts in uniform free. Fossils, Minerals, Gems, Speakers and Exhibits. Learning Activities include a Fossil Dig and a Kid's Mineral Corner. www.philamineralsociety.org

April 2014

April 26 - Sterling Hill Super Dig - 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.

April 26–27 - West Mifflin, PA - Monongahela Rockhounds Gem, Mineral and Fossil Show. Sat. 10- 6; Sun. 10-4. West Mifflin Volunteer Fire Co. #4 Skyview Hall, 660 Noble Drive, West Mifflin (Pittsburgh), PA 15122. Free Admission and parking. www.monongahelarockhounds.org

May 2014

Super Science Saturday, May 3rd at Trenton State Museum: Our club will be participating once again. We need some volunteers to help man our table and distribute information and mineral specimens to visitors.



Quote of the Month

"If it disagrees with experiment, it's wrong. And that simple statement is the key to science. It doesn't make a difference how beautiful your guess is, it doesn't matter how smart you are, who made the guess, or what his name is. If it disagrees with experiment, it's wrong. That's all there is to it." *Richard Feynman.*

Club Brochures

Please pick up one or two yellow club brochures and have them on hand in your vehicle or handbag to give out to folks. If you see a parent and child, strike up a conversation by asking, “Does your child like rocks or dinosaurs?” Offer them a club brochure; if they’re not from our area, addresses and websites for the American Federation are on the back of the brochure. Your small gesture may make a world of difference to that child, his/her family, and to our club.

Membership Information

Regular memberships are entitled to participate in all DVESS activities.

Sponsoring memberships are entitled to the same plus a specially chosen mineral specimen. Dues are renewable each year in January.

Regular Membership:

\$15.00 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

Sponsoring Membership: (each additional family member - \$5.00)

“Silver” \$50.00 for 1st family member – receive a Geode Specimen

“Gold” \$75.00 for 1st family member – receive Mineral Specimen

“Platinum” \$100.00 for 1st family member – receive Premium Specimen



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)

P.O. Box 372

Maple Shade, New Jersey 08052

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. Tell us about your earliest rock collecting experiences - or the most exciting!



