

DVESScapades

escapades: interesting, stimulating, exciting activities and adventures



DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



January, 2014

HAPPY NEW YEAR

Next Meeting: January 8, 2014

Program: Copper mine railroad DVD presentation.

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

Happy New Year! Have you made your New Year's resolution yet? One of my New Year's resolutions is to continue trying to make us a very active collecting club. We are going to try to have at least one collecting field trip per month. We are open to suggestions for mineral and fossil collecting trips. Please send your suggestions to mark.leipert@yahoo.com. **DUES ARE DUE!**

Change of Venue: Instead of the Wagner Free Institute we will be going to the Prehistorical Museum of Cumberland County on Saturday, January 11th at 12:00. We will be meeting at the Centenary Church on Route 30 in Berlin. The museum is open from 12:30 to 4:00. See the link below for more information. Please sign up on the "field trip" sheet at Wednesday's meeting.

<http://digilib.clueslibs.org/info/prehistorical.pdf>

Rutgers Geological Museum's Open House is on Saturday, January 25th: Events start at 9:00 and go to 4:00. The meeting location will be announced at the meeting on Wednesday, January 8th. There will be mineral sales and lectures. Lectures include Fun Activities for kids at the Geology Museum. See the link below for details on lecture and events scheduled. Please sign up on the "field trip" sheet at Wednesday's meeting. <http://geologymuseum.rutgers.edu>

February Events: With cold weather in place we will wait until warmer weather to resume fossil and mineral collecting trips. We will be visiting various museums, collections at colleges/universities, and lectures to expand our knowledge. We are open to suggestions if you know of a different or unique place to visit.

Executive Board Meeting: January's executive board meeting will be held at Mark Leipert's house on Wednesday, January 14th. If you need directions, contact me via email at mark.leipert@yahoo.com.



Jr. Rockhounds

Happy New Year to all.

We had 5 children at the December meeting. The topic was a discussion on the earth's natural disasters.

The January 2014 topic will be Mohs Hardness Scale.

Please bring in your show and tell specimens.

Meeting starts at 7 pm.

Mil LeCompte
RocksAndBadges@yahoo.com



News

ESA's Comet-chasing Rosetta to Wake up January 20th

The European Space Agency (ESA) launched Rosetta in 2004, headed toward a rendezvous with comet 67P/Churyumov–Gerasimenko. Rosetta has been in hibernation, but it is scheduled to wake up on January 20th and resume communications hours later.

Rosetta is scheduled to meet up with the comet in August and put a lander onto the comet's surface in November. http://www.esa.int/Our_Activities/Space_Science/Rosetta/Wake_up_Rosetta



Websites of the Month

Moh's Scale of Hardness

http://www.minsocam.org/msa/collectors_corner/article/mohs.htm

Mohs Hardness Scale

<http://igs.indiana.edu/images/ReferenceDocs/MohsHardnessScale.jpg>

Rutgers Geology Museum

<http://geologymuseum.rutgers.edu/>

Huge Magma Pocket Lurks Beneath Yellowstone Supervolcano

<http://news.nationalgeographic.com/news/2013/12/131218-yellowstone-supervolcano-eruption-magma-reservoir/>



Upcoming Field Trips

January 11, 2014 – Prehistorical Museum of Cumberland County We will be meeting at the Centenary Church on Route 30 in Berlin at 12:00.. The museum is open from 12:30 to 4:00. See the link below for more information. <http://digilib.clueslibs.org/info/prehistorical.pdf>

January 25, 2014 – Rutgers's Geology Open House <http://geologymuseum.rutgers.edu>
See below for more details.

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

Shows and Events

January 2014

Rutgers 2014 Annual Open House

The 46th Annual Rutgers Geology Museum Open House will be held on Saturday, January 25, 2014. All events are free and open to the public. No pre-registration is required.

Lectures will be held in Scott Hall Room 123. <http://geologymuseum.rutgers.edu/news.shtml>

10:00 am to 11:00 am

"Imaging the Ancient Margin: How the Southeastern United States Was Built"

Presented by Dr. Lara Wagner, University of North Carolina, Department of Geological Sciences

11:30 am to 12:30 pm

"Quarrying Urbanite (Concrete): Treating the City as a Geological Resource"

Presented by Tobiah Horton, Rutgers University, Department of Landscape Architecture

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"

Presented by Dr. Alan R Rice, American Museum of Natural History, Department of Earth and Planetary Sciences

3:00 pm to 4:00 pm

"Rising Tides: What Can the Past Tell Us About Future Sea Level Change?"

Presented by Dr. Robert E. Kopp, Rutgers University, Department of Earth and Planetary Sciences

Mineral Sale: Scott Hall Room 135 from 9:00 am to 4:00 pm

Rock and Mineral Identification: Scott Hall Room 206 from 11:00 am to 2:00 pm

Make and Take Stations for Kids: Geology Museum from 11:00 am to 3:00 pm (all ages)

Hands-on Activity Sessions for Kids: Scott Hall. (Kids 8+) Seating for these activities is on a first come, first served basis.

March 2014

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



Quote of the Month

"I dreamed of becoming a scientist, in general, and a paleontologist, in particular, ever since the Tyrannosaurus skeleton awed and scared me." - *Stephen Jay Gould*

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.

IT'S TIME TO PAY YOUR 2014 DUES

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!

