

DVESScapades

escapades: interesting, stimulating, exciting activities and adventures



DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



July 2017

No regular meetings in July and August

Annual DVESS picnic - July 23rd 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.



September - show-and-tell.

October - Dr. Harold Connolly, Jr. on asteroid sample return missions

November - Mr. William Stephens (TBD)

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

Field Trips:

Even though we do not hold summer meeting we are still planning to run some summer field trips. A number of people were interested in and signed up for the following trips:

- Saturday, July 22nd - **Lower New Street Quarry** in Passaic, NJ. We'll be meeting at Parking Lot 8A at the Woodcrest Station of the PATCO High Speed Line at 8:30am. 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.
- Saturday, August 19th - **Sayreville Marcasite and Amber** near Sayreville, NJ. We'll be meeting at Parking Lot 8A at the Woodcrest Station of the PATCO High Speed Line at 8:30am. 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.
- Saturday, October 21st (Tentative) - **Sterling Hill Mining Museum** for museum and site tours plus night digging from 6:00pm to 10:00pm. Especially for those of you that helped out at the Franklin Super Digg that didn't get an opportunity to collect, this is your chance. We are going to try and get a fifteen passenger van as we have done in the past. We will be leaving from the United Methodist Centenary Church in Berlin, NJ. Time to be announced as we get closer to the date. There will be a sign-up sheet at the regular meeting in September.

Mark Leipert, Field Trip Chair



Quote of the Month:

The birth of a volcanic island is an event marked by prolonged and violent travail; the forces of the earth striving to create, and all the forces of the sea opposing.

— *Rachel Carson*



FRANKLIN MINERAL MUSEUM

Established 1965

A Non-Profit Corporation

32 Evans Street • Franklin, New Jersey 07416

Museum: 973-827-3481 • Fax: 973-827-0149 • Curator 973-827-6671

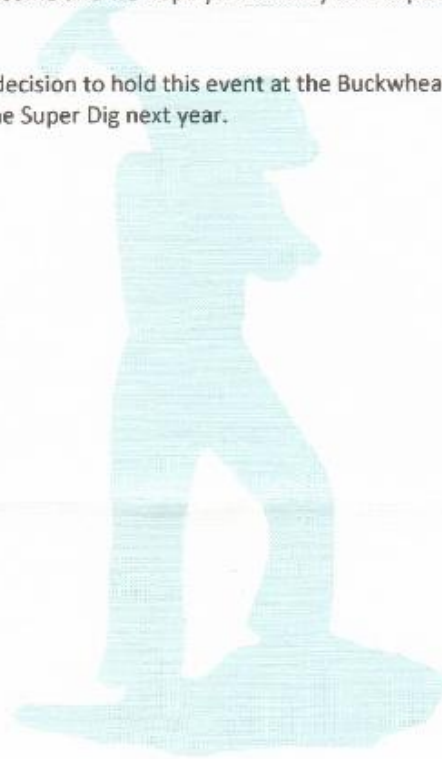


The Franklin Mineral Museum officers, trustees and mineral collectors thank your Society for having the Super Dig at the Buckwheat dump area on April 29th. Through the efforts of individuals such as Jeff Winkler, Mil Compte, Jim Brennan, Mark Leipter and other Society members and volunteers, this event was well planned, organized and professionally run. The museum was very satisfied with the outcome and we hope your Society also experienced satisfactory results.

We appreciate your decision to hold this event at the Buckwheat dump and look forward to hosting the Super Dig next year.

Sincerely,

Museum Treasurer



Quiz - Geological geography - or is it geographic geology?

What State?

1. Devil's Tower
2. Great Meteor Crater
3. Thurston Lava Tube
4. Cave of the Winds
5. lowest point in US
6. highest point in US
7. Lava Butte
8. Mammoth Cave
9. Shiprock
10. Craters of the Moon



NPS PHOTO

extra point questions

1. If you head due south from Detroit, Michigan, what is the first foreign country you encounter?
2. You may know that Alaska and Hawaii were the 49th and 50th states to enter the Union (both in 1959), but what were the 47th and 48th (both admitted in 1912)?

Look for the answers below!

News

99 Million-Year-Old Baby Bird Trapped in Amber Discovered in Myanmar

<https://www.yahoo.com/news/99-million-old-baby-bird-141102493.html>

Scientists Reverse Engineer Fossils To Understand Ancient Organisms

Using fluid dynamics to understand fossils from the Ediacaran period.

<http://www.popularmechanics.com/science/animals/a27075/reverse-engineer-fossils/>

Megalodon: World's Biggest Shark Was Wiped Out During A Global Extinction Of Ocean's Megafauna

<http://www.newsweek.com/megalodon-mass-extinction-ocean-megafauna-629011>

Shows and Events

August 5: Morristown, NJ - 22nd Annual Gem, Mineral & Fossil Sale sponsored by the Morris Museum Mineralogical Society. Morris Museum, 6 Normandy Heights Rd; Morristown, NJ. Info: kfrancis@morrismuseum.org

September 16-17: Harrisburg, PA - Gem, Mineral & Jewelry Show sponsored by the Central PA Rock & Mineral Club. Zembo Shrine, Third & Division Sts; Harrisburg, PA. Contact: Betsy Oberheim aoberheim3@comcast.net

October 7: Macungie, PA - Pennsylvania Earth Sciences Association 2017 Autumn Mineralfest, 8:30 AM to 3:00 PM, Macungie Memorial Park, Macungie, PA. One hundred tables overloaded with minerals, fossils, gems, jewelry, crystals and geodes from six continents - and possibly from outer space. Adult admission only \$2.00, free admission and mineral specimens for children under 12. Plenty of free parking. Held rain or shine. <http://www.mineralfest.com/>

October 21-22: 45th Annual Gem & Mineral Show and **EFMLS Annual Convention** hosted by the Bristol Gem & Mineral Club. Location and details to be announced. EFMLS meeting, Friday, October 20.

Quiz answers

What State?

1. Devil's Tower - Wyoming
2. Great Meteor Crater - Arizona
3. Thurston Lava Tube - Hawaii
4. Cave of the Winds - New York
5. lowest point in US - California (Death Valley)
6. highest point in US - Alaska (Denali, formerly know as Mt. McKinley)
7. Lava Butte - Oregon
8. Mammoth Cave - Kentucky
9. Shiprock - New Mexico
10. Craters of the Moon - Idaho

extra point questions

1. If you head due south from Detroit, Michigan, what is the first foreign country you encounter?

Canada - look at a map; Winsor, Ontario is south of Detroit, Michigan

2. You may know that Alaska and Hawaii were the 49th and 50th states to enter the Union (both in 1959), but what were the 47th and 48th (both admitted in 1912)?

New Mexico and Arizona





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:

\$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

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.

