

# DVESScapades

*escapades: interesting, stimulating, exciting activities and adventures*



## DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



March, 2014

**Next Meeting:** March 12, 2014

**Program:** tbd

**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

Enough snow already! I'm ready for spring. 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. Please contact me at [mark.leipert@yahoo.com](mailto:mark.leipert@yahoo.com) with your ideas.

**PaleoPalooza – February 15<sup>th</sup> & 16<sup>th</sup> at the Academy of Natural Sciences:** Lance Schatterly, Bob Bartosz, Sue VanCola, and I volunteered at the PaleoPalooza. Lots of nice fossils were on display from DVPS members, the Academy of Natural Sciences and Drexel University including a display of fossils from a 10 year old boy. Lots of fun activities for the whole family.

**Sunday, February 16<sup>th</sup>, Mutter Museum Tour:** Our long-anticipated trip to the Mutter Museum in Philadelphia was a success. Gary & Denise Weinstein and family/guests, Amanda Lewis-Hartley and I as well as a few unknown guests enabled us to get the group discount. The displays were very interesting, grotesque and disturbing. It was a nice winter trip without snow.

**Cub Scout Enrichment Program, February 22, 2014 at the Covenant Presbyterian Church, Cinnaminson, NJ.** Members of the DVESS including Mel and Ann, Susan Moore and myself volunteered to help Cub Scouts and Webelos scouts get their Geologist belt loop award and activity pin. Mel set up of displays of fossils, minerals, fluorescent minerals, and tools for collecting. The scouts rotated through the different stations, including: dinosaurs, sea shells, rocks, minerals, fossils, Moh's scale of hardness, fluorescent mineral display, and a volcano demonstration just to name a few. I also talked to the boys about careers in Geology. Nice job Mel.

**Combined Events: The EFMLS Annual Convention will be held in conjunction with the Mineral Treasures & Fossil Fair Show, March 29<sup>th</sup> to 30<sup>th</sup> at LuLu Shriners Temple, 5140 Butler Pike, Plymouth Meeting, PA.** The EFMLS Convention from March 28<sup>th</sup> to 30<sup>th</sup> 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. For more information can be found at: [www.philamineralsociety.org](http://www.philamineralsociety.org) and <http://dvps.essentrix.net/fossilfair.htm>. \$5.00 admission; \$1.00 kids under 12. All uniformed Scouts are free.

**Super Science Saturday, May 3<sup>rd</sup> 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 March 12th meeting or contact Mark or Ann.

**Sterling Hill Super Dig, April 26<sup>th</sup>:** Mark your calendars for our Annual Sterling Hill Super Dig that is put on by our club and which will take place on Saturday, April 26<sup>th</sup>. 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 March 12<sup>th</sup> meeting. For more information or to sign up for the Super Dig go to the following websites: <http://sterlinghillssuperdig.org/> , <http://www.sterlinghillssuperdig.org/> .

## News

**Southeast landslide may be one of North America's largest ever**

**ANCHORAGE DAILY NEWS / ADN.COM**

Anchorage February 25, 2014

A massive landslide, perhaps as large as 20 million tons, occurred southwest of Haines on Mount La Perouse in the Alaskan Panhandle. It was so large that it showed up on seismic recordings.

<http://www.adn.com/2014/02/25/3345804/panhandle-landslide-may-be-one.html#storylink=cpy>

## ***Sterling Hill Super Dig***

***April 26th***

***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.***

## **Websites of the Month**

### **Virtual tour of the Smithsonian National Museum of Natural History**

Take a virtual tour of the whole museum! Navigate from room to room by clicking map locations or by following blue arrow links on the floor that connect the rooms. The version for those using a [desktop computer \(Windows, Mac, Linux\)](#) includes camera icons to indicate hotspots where the visitor can get a close-up view of a particular object or exhibit panel. A version is also available for those using a [mobile device \(iPhone, iPad, Android\)](#).

### **Palaeocasts - Palaeontology Podcasts**

An open broadcast of paleontological information, a place where the beauty, diversity and complexity of the field can be conveyed and discussed in a digital format. <http://www.palaeocast.com/>

### **Franklin Mineral Museum**

The Franklin Mineral Museum's mission is to preserve the mineral wealth, geology, knowledge, and history of "the greatest mineral locality on earth." <http://franklinmineralmuseum.com/>

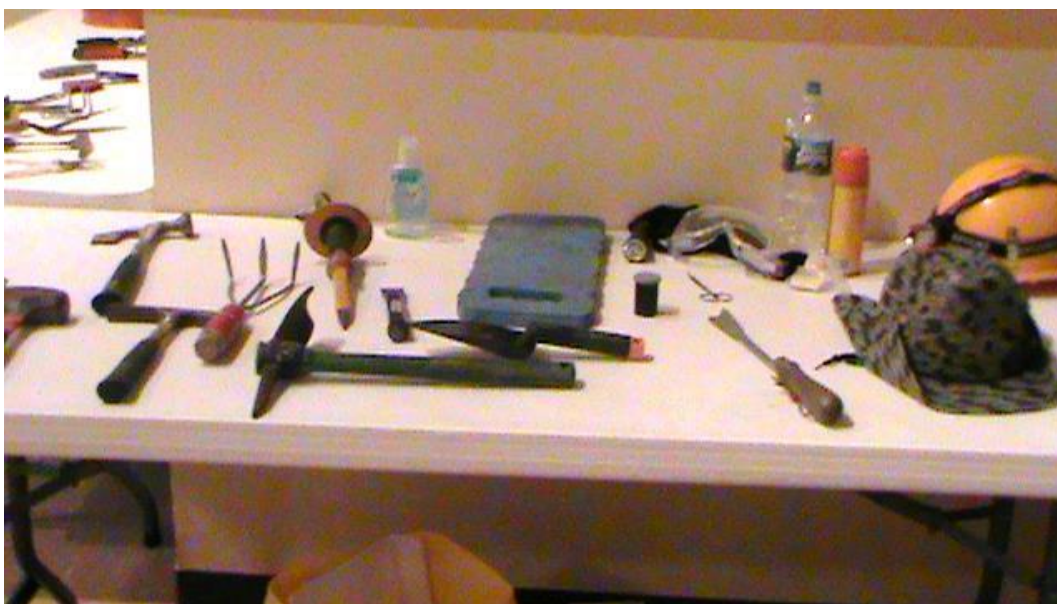
## Activity Photos

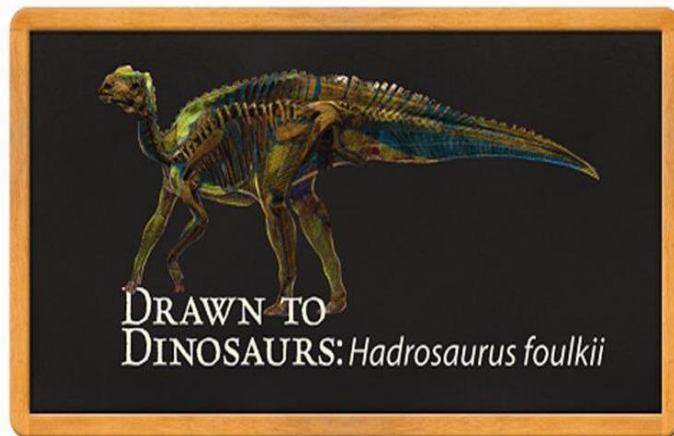
Cub Scout Enrichment Program, February 22, 2014 at the Covenant Presbyterian Church, Cinnaminson, NJ

*photos by Mil LeCompte*









### **Hadrosaurus Fouldii Returns to New Jersey!**

**Opening March 22**

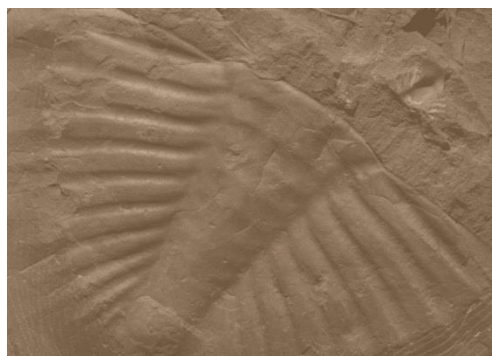
**Trenton State Museum, Natural History Hall, Second Floor**

As the world's first nearly complete dinosaur skeleton, its discovery in Haddonfield, NJ caught the world by storm – it revolutionized the science and helped propel southern New Jersey to the “center” of the paleontological world.

The exhibit features a 25 foot long cast of Hadrosaurus fouldii plus a life-size, hand-drawn life-like illustration on a chalk board. The role of paleo-artists and the study of nature in the development of modern theories of dinosaur anatomy, behavior, and more is also examined in this exhibit.

### **Upcoming Field Trips**

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



## AFMS Code of Ethics

- ❖ I will respect both private and public property and will do no collecting on privately owned land without the owner's permission.
- ❖ I will keep informed on all laws, regulations of rules governing collecting on public lands and will observe them.
- ❖ I will to the best of my ability, ascertain the boundary lines of property on which I plan to collect.
- ❖ I will use no firearms or blasting material in collecting areas.
- ❖ I will cause no willful damage to property of any kind - fences, signs, buildings.
- ❖ I will leave all gates as found.
- ❖ I will build fires in designated or safe places only and will be certain they are completely extinguished before leaving the area.
- ❖ I will discard no burning material - matches, cigarettes, etc.
- ❖ I will fill all excavation holes which may be dangerous to livestock.
- ❖ I will not contaminate wells, creeks or other water supply.
- ❖ I will cause no willful damage to collecting material and will take home only what I can reasonably use.
- ❖ I will practice conservation and undertake to utilize fully and well the materials I have collected and will recycle my surplus for the pleasure and benefit of others.
- ❖ I will support the rockhound project H.E.L.P. (Help Eliminate Litter Please) and Will leave all collecting areas devoid of litter, regardless of how found.
- ❖ I will cooperate with field trip leaders and those in designated authority in all collecting areas.
- ❖ I will report to my club or Federation officers, Bureau of Land management or other authorities, any deposit of petrified wood or other materials on public lands which should be protected for the enjoyment of future generations for public educational and scientific purposes.
- ❖ I will appreciate and protect our heritage of natural resources.
- ❖ I will observe the "Golden Rule", will use "Good Outdoor Manners" and will at all times conduct myself in a manner which will add to the stature and Public "image" of rockhounds everywhere.

**AFMS Newsletter – March, 2014**



## Shows and Events

### March 2014

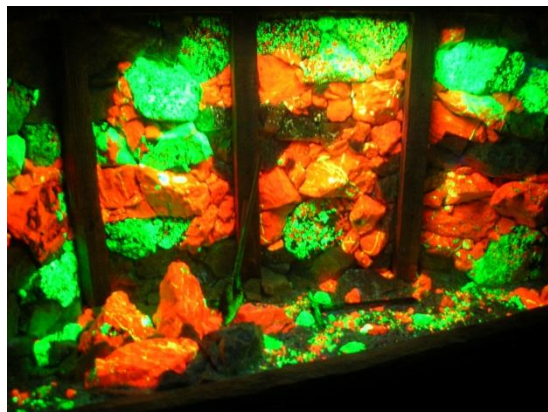
**March 1–2 - Newark, DE** - 51st Annual Earth Science Gem and Mineral Show, Delaware Mineralogical Society, Inc. at the Delaware Technical & Community College, 400 Stanton-Christiana Road, Newark, DE 19713. Sat. 10 am - 6pm, Sun. 11 am-5 pm. Exhibits, displays, dealers, door prizes, lapidary demonstrations, 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](mailto:wurion@aol.com)). Info and Discount coupons at [www.delminsociety.net](http://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](mailto: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](mailto: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](http://www.philamineralsociety.org)



## April 2014

### April 26 - Sterling Hill Super Dig -

- Take a Tour of the Mine.
- Take a Private Tour of the newly opened historic Trotter Tunnel. Tours given by Iron Miners members.
- For this event ONLY, take a Tour of the Upper Mine and Mill where you will receive a "Last day of operation" ore specimen right off the conveyor belt (certificate included).
- The ever-popular Blackout Tour of the Mine "Tunnel of Love" (safety glasses required).
- See the nighttime illumination of the famous "Fluorescent Wall" in the Fill Quarry.
- And, collect minerals in all 3 collection areas on the property.

Remember to bring your membership card or some proof of DVESS membership (we will be able to provide a card at the Dig if 2014 dues have been paid, or are being paid that day). 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.

<http://www.sterlinghill.org/superdig/index.php>

**April 26–27 - Franklin, NJ** - 42nd Annual NJESA Gem & Mineral Show (plus outdoor swap and sell) sponsored by the New Jersey Earth Science Association, Franklin-Ogdensburg Mineralogical Society and Sterling Hill Mining Museum (NJ). Franklin School, 50 Washington Ave., Franklin, NJ

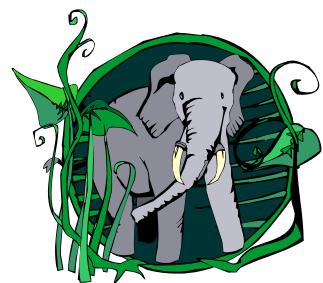
**April 26–27 - West Mifflin, PA** - Monongahela Rockhounds Gem, Mineral and Fossil Show. Sat. 10- 6; Sun. 10-4. West Mifflin Volunteer Fire Co. #4 Skyview Hall, 660 Noble Drive, West Mifflin (Pittsburgh), PA 15122. Free Admission and parking. [www.monongahelarockhounds.org](http://www.monongahelarockhounds.org)

## 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

"In a manner which matches the fortuity, if not the consequence, of Archimedes' bath and Newton's apple, the [3.6 million year old] fossil footprints were eventually noticed one evening in September 1976 by the paleontologist Andrew Hill, who fell while avoiding a ball of elephant dung hurled at him by the ecologist David Western." - *John Reader*



## 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 1<sup>st</sup> family member – receive a Geode Specimen

“Gold” \$75.00 for 1<sup>st</sup> family member – receive Mineral Specimen

“Platinum” \$100.00 for 1<sup>st</sup> 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](mailto:aquamarinepaisleyorchid@yahoo.com). Tell us about your earliest rock collecting experiences - or the most exciting!

