

## DVESScapades

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



## Delaware Valley Earth Science Society Newsletter

Delaware Valley Earth Science Society, Inc. ( DVESS )  
P.O. Box 372 Maple Shade, N.J. 08052  
DVESS Website : <http://www.dvess.org>



Program; October 10<sup>th</sup> Bob Thompson on Native American Artifacts.

### **PRESIDENT'S MESSAGE** by AnnLynne Benson, President

**Remember Edmund Scientific?** Remember poring over their catalog, or going to their outlet store and just drooling over all the neat stuff they had? Imagine just dropping by a such store and being able to find “new and surplus magnets, in many sizes and shapes, useful for almost all magnet applications in the home, pickup truck, workshop, laboratory, wind turbine, starship and more.”

Wait – go back – starship???? Yes, we're talking about magnets made from an alloy of **Neodymium, Iron and Boron** ( $\text{Nd}_2\text{Fe}_{14}\text{B}$  tetragonal crystalline structure also known as a Neo magnet), the most powerful 'rare-earth' permanent magnet composition known to mankind. You just have to go to Chendu - capital of **Sichuan province** in **Southwest China** – to find one.

Recently named China's 4th-most livable city by [China Daily](#), Chendu is home to over 14 million people. They have a thriving automotive industry, and **LOTS** of traffic – **BIG** problem; they also have very intelligent inventors – **BIG** solution. Using plans developed by a young woman, Volkswagen has produced a prototype floating car propelled by the reaction of the Neo magnet to “a lot of unique minerals underground... the Hover Car uses amazing technology reacting with the minerals in the ground to float, hence not requiring wheels or rubber tires.”

To read an article about the floating car, see <http://www.politicalnews.com/cars-of-the-future-the-volkswagen-hover-car/>;

to see the hover car in action, see [http://www.youtube.com/watch\\_popup?v=Ew4Y5HLyT6c&vq=medium](http://www.youtube.com/watch_popup?v=Ew4Y5HLyT6c&vq=medium)

And Edmund Scientific? They're online now, see

<http://www.scientificsonline.com/>; and if you find an awesome little science-geeky store somewhere, please let us know – just because today’s kids would prefer to tap a screen than turn a page doesn’t mean they might not like poking around optical lenses, chemistry sets and magnets.

\* \* \* \*

**BANQUET** – Please join us on Saturday, Oct. 20 at Mandarin Buffet at Ellisburg Circle in Cherry Hill for a sumptuous buffet and program. Ken Leap will tell us all about the use of red minerals in making colored glass, there will be door prizes for all.

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#### **WEBSITES OF THE MONTH -**

[www.RingofFireScience.com](http://www.RingofFireScience.com), [www.RocksinaHardPlace.com](http://www.RocksinaHardPlace.com),  
American Federation newsletter: [http://www.amfed.org/news/n2012\\_10.pdf](http://www.amfed.org/news/n2012_10.pdf),  
Eastern Federation newsletter: <http://www.amfed.org/efmls/efoct.12web.pdf>

**HOW TO** – “Removing Clay from Mineral Specimens” is explained in  
[http://www.baltimoremineralsociety.org/images/BMS\\_NewLet\\_09\\_Jan.pdf](http://www.baltimoremineralsociety.org/images/BMS_NewLet_09_Jan.pdf)

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**EFMLS CONVENTION** - The Central PA Rock & Mineral Club hosted a wonderful Eastern Federation Convention and show. Attending was a privilege and I had a great time representing our club as Delegate. Lorraine and I made some new friends and brought home some nice mineral and fossil specimens. We had a tour of the Masters Mineral Gallery at Elizabethtown College in Elizabethtown, PA; collector Frank Masters of Harrisburg, PA donated half of his extensive collection - the mineral gallery contains over 200 specimens, valued at \$125,000.

\* \* \* \* \*

**INSURANCE** is one of our benefits thru membership – this year clubs need to submit their insurance enrollment form and payment to EFMLS Treasurer Lou Budnell by Oct. 31; payment cannot be sent to the insurance agency.

\* \* \* \* \*

**ELECTIONS AT DECEMBER MEETING** – Slate of officers:

\* \* \* \* \*

**NOTE** - The Oct. 6 tour of Sterling Mine was cancelled due to lack of interest. Maybe our annual Super Dig satisfies our members’ need to travel 3 hours to see the museum and collect. The annual free tour is one of the benefits DVESS has received over the year in exchange for generous financial support of Sterling Mine; your

comments and questions are welcome.

Be safe as you dig for specimens this summer. And remember, the best way to be a great mineral collector is to learn, learn, learn, learn!

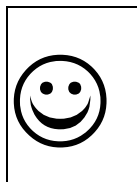
**Oct 27**, South Penn **Rock Swap** sponsored by the Central PA Rock & Mineral Club and the Franklin Co. Rock & Mineral Club. South Mountain Fairgrounds, 615 Narrows Road, Biglerville PA.

**Oct 27**, Rock & Mineral Club of Lower Bucks County, 23rd Annual "Ultraviolation" - Fluorescent Mineral **Show, Swap, Sell**, 9:00 am - 4:00 pm, First United Methodist Church, 840 Trenton Road, Fair Hills, PA. \$2 donation, Kids 12 and under free Information: Chuck O'Laughlin <[ultraviolation@yahoo.com](mailto:ultraviolation@yahoo.com)>

**Nov 17-18**, Northern Virginia Mineral Club 21st Annual Gem, Mineral & Fossil **Show**.  
GeorgeMason University, Student Union Bldg. II (The Hub), Rte. 123 & Braddock Rd, Fairfax, VA. Sat. 10 am - 6 pm, Sun. 10 am - 4 pm. Silent Auction on Sunday. Admission: Adults \$5, Seniors \$3, Teens (13-17) \$3, Children (12 & under) Free, Scouts in uniform Free, GMU Students w/valid ID Free. Parking: On campus use GMU's parking Lot A. Enter Lot A from Nottaway River Lane where you will also find the courtesy shuttle to the Mineral show. Information <[www.novamineralclub.org](http://www.novamineralclub.org)>.

It's Dinosaur Month! Check out video about S.J.'s own dino  
copy the link. Put it in your broser to get more info

<http://www.courierpostonline.com/article/20121001/NEWS01/121001004/1006/news01>



He split open a geode and, what do you think?  
A cop arrested him! What for? Breaking and entering!

## STEP UP!

Carol has been editor for seven years. A volunteer is still needed to take over that position. The Editor holds a Board seat in addition to publishing **The DVESS News**. Questions may be addressed to [decuzzic@comcast.net](mailto:decuzzic@comcast.net)

## MORE STEP UP:

How about being on a Society list of volunteers when various people or groups call for help?

We get requests for speakers for scout and school groups. are you among those

who have helped in the past. Are you willing to do this?

Many times folks call for the identification of minerals and gems and even make requests to cut and polish their finds, are you one who does this now. Would **you** be

comfortable doing this ? Contact to step up!

## ELECTION OF OFFICERS

December is election month for the Society. The Board of Directors, serving as the nominating Committee, Nominations from the floor will be open, provided the person nominated agrees to serve.



St. Peter is checking IDs. He asks a man, "What did you do on Earth?" The man says, "I was a Doctor." St. Peter says, "OK, Go right through those pearly gates. Next! What did you do on Earth?" "I was a school teacher." "OK...Go right through those pearly gates. Next! What did you do on Earth?" "I was a mineral collector." "OK....Go up the dirt road, turn left at the stone wall, look for a large Oak tree, the dumps are just....."

From PLG Lap Talk News June 2012 via the **ROCKHOUNDER Page 3 October 2012**  
Gem, Lapidary, and Mineral Society of Montgomery County MD., Inc.

## DVESS MEETING LOCATION DIRECTIONS:

From Atco (west-bound), after the traffic light at Taunton Ave. (Rite Aid drugstore on the left), the church is about the 3rd building on the right; turn into the first driveway. If you miss it, pass by the church and turn Right onto Broad St. (at the Berlin Diner) then turn Right into the parking lot of the Baptist Church and go straight all the way - the parking lots of both churches connect.

From Rt. 73 in Marlton: head East (South) on Rt. 73. As you enter Berlin, you will pass Wal-Mart (on the left) and a shopping center (on the right) with Shop Rite and Staples. Get into the Right "Exit Only" lane and follow the signs for Cross Keys Rd. At the intersection of Cross Keys Rd. and the White Horse Pike (Rt. 30) turn LEFT. At the next intersection (Broad St.) continue straight past the Berlin Diner and SPEEDY MART on your left; pass by 2 or 3 white storefronts on the left then see the big white church with red front doors on your left. Pass in front of the church and turn into the driveway on the far side. Education Building is behind the church.

From Lindenwold or Clementon on the White Horse Pike (east-bound):

As you enter Berlin business district, you will pass through the traffic light at Cross Keys Rd. (CVS Pharmacy on right corner). Follow highlighted directions above.

## MEMBERSHIP INFORMATION

Regular members are entitled to participate in all DVESS activities. Sponsoring members are entitled to the same plus a specially chosen mineral specimen. Dues are renewable each year in January. Membership rates for the Society:

Regular Membership:

\$15.00 for the 1st family member + \$5.00 for each additional family member

\$10.00 for the 1st Senior ( 65+ ) member + \$5.00 for each additional family member

Sponsoring Memberships ( 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 a Native Gold

Specimen “Platinum” \$100 for 1st family member - receive a Premium Specimen

## 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 , knowledge 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> )

## **MEETINGS**

**The Society meets the 2nd Wednesday of each month throughout the year at Centenary United Methodist Church, 151 South White Horse Pike, (route 30) in Berlin. Junior Rockhounds meet at 7:30pm with the regular meeting beginning around 8 pm.**

**Anyone with info for the newsletter please share with me. You can be published! Stuff you did in school, on a trip etc., see my info below ( next page ).**

**Editor's Notes: Editor is not responsible for authenticity of information in any articles submitted for publication. Nor are the opinions expressed in the "DVESScapades" necessarily those of the officers of the Delaware Valley Earth Science Society, Inc., and/or the editor.**

### **AFMS CODE OF ETHICS (American Federation of Mineralogical Societies)**

**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**

<p style="text-align: center;"><i>DVESS Directory 2012</i></p>	<p><u>President</u> Ann Lynne Benson 856-783-0969(h) <a href="mailto:SeleniteQueen@gmail.com">SeleniteQueen@gmail.com</a> 856-418-6121 (c)</p>
<p><u>1<sup>st</sup> Vice President</u> Mark Leipert 609-567-7551 (h) <a href="mailto:mark.leipert@yahoo.com">mark.leipert@yahoo.com</a></p>	<p><u>2<sup>nd</sup> Vice President</u> Lou Detofsky "Doc Rock"</p>
<p><u>Recording Secretary</u> Grant Elliott 856-728-1731 <a href="mailto:gle@verizon.net">gle@verizon.net</a></p>	<p><u>Treasurer and Program Chair</u> Gary Weinstein 856-234-0708 - (h) 856-795-5077 - wk <a href="mailto:garyskyrock@hotmail.com">garyskyrock@hotmail.com</a></p>
<p><u>Jr Rockhound Coordinator</u> (Teacher 8-13 ) Mel LeCompte 856-783-0969 <a href="mailto:wrks-in-faith@comcast.net">wrks-in-faith@comcast.net</a></p>	<p><u>Jr Rockhounds</u> Teacher 14-18 Gerald Feigin <a href="mailto:gfeigin@co.gloucester.nj.us">gfeigin@co.gloucester.nj.us</a></p>
<p><u>Website Coordinator</u> Terry Wilson <a href="mailto:terry@dveess.org">terry@dveess.org</a></p>	<p><u>Special Events Coordinator</u> Ann Lynne Benson 856-783-0969 <a href="mailto:SeleniteQueen@gmail.com">SeleniteQueen@gmail.com</a></p>
	<p><u>DVESS Newsletter Ed, Membership</u> Carol De Cuzzi 856-428-0621 - (h) <a href="mailto:decuzzio@comcast.net">decuzzio@comcast.net</a> or <a href="mailto:DVESS@int-pro.com">DVESS@int-pro.com</a></p>

**Membership Form**

Start w/ first family member (designated as head of family) Juniors must have an adult head of family with the Junior as the additional family member for insurance purposes.

First Name: \_\_\_\_\_

Last Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

ZIP+4 \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Cell Phone: \_\_\_\_\_

Profession, School or Major Work  
\_\_\_\_\_

Okay to let other members of the Club see your email and other orange-starred information (on website)?

Okay to share \_\_\_\_\_

Do NOT share \_\_\_\_\_

**Newsletter Delivery ONLY via e-mail**

additional family members to be registered w/ above member

Type of membership Regular Membership:  
\$15.00 for the 1<sup>st</sup> family member + \$5.00 for each additional family member  
\$40.00 for the 1<sup>st</sup> Senior ( 65+ ) member + \$5.00 for each additional family member  
Dues are collected on a calendar year Jan to Dec, no pro-rata rates  
additional members on another paper if needed

First Name: \_\_\_\_\_

Last Name (only if different from above)  
\_\_\_\_\_

First Name: \_\_\_\_\_

Last Name (only if different from above)  
\_\_\_\_\_

First Name: \_\_\_\_\_

Last Name (only if different from above)  
\_\_\_\_\_

Sponsoring Memberships ( 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 a Native Gold Specimen  
"Platinum" \$100 for 1<sup>st</sup> family member - receive a Premium Specimen

Interests: Minerals \_\_\_ Fossils \_\_\_ Lapidary \_\_\_ Collecting \_\_\_ Museum Trips \_\_\_  
Trotter \_\_\_ Sterling Hill \_\_\_ other, please list \_\_\_\_\_

How did you learn of DVESS? \_\_\_\_\_

Comments \_\_\_\_\_

What NON-DVESS interests or hobbies do you have? Would you be willing to share with our members?  
\_\_\_\_\_

What would you like the club to do or provide for you? \_\_\_\_\_