

DVESScapades

escapades: interesting, stimulating, exciting activities and adventures



DELAWARE VALLEY EARTH SCIENCE SOCIETY NEWSLETTER



November 2018

Next Meeting: November 14th



7:00 pm Junior Rockhounds class and adult social hour

8:00 pm Program: Lauren Adamo from Rutgers on the history of the geology museum

Upcoming Programs:

December: Holiday Party, gift exchange, and election of officers

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

President's Corner:

We are approaching the winter months where we plan inside events including museums, lectures and colleges. If you have any recommendations please submit them to any club officer.

Yes, time is flying by. Not only is it time to vote Democrat or Republican but it's time for the election of our own club officers. This year's slate of officers is as follows:

President – Mark Leipert

Vice President – Ann Benson

Treasurer – Jim Brennan

Secretary – Amy Simpson

A special shout out to Mr. Lou Detofsky or more affectionately known as “Doc Rock”, who is celebrating his 50th Anniversary of being a member with the DVESS. If it wasn't for this man, teacher and dear friend, I probably wouldn't have become the professional geologist, I am today. Make sure you come out to the November 14th meeting to celebrate this milestone with him.

Field Trips:

Sterling Hill Mining Museum: Saturday October 13, 2018. We had our annual trip to Sterling Hill Mining Museum for our free museum tours, mine tunnel tour and to also take advantage of the North Jersey Mineral Club's Mineral Sale and Sterling's night dig. Those in attendance were Amy, Sue Vancola, Meredith, Karen & Rick Sweeten and I. A great time was had by all and the weather even held up its end of the bargain.

Saturday, November 10, 2018: Sayreville Marcsite and Amber near Sayreville, NJ: We have scouted this site out last summer and we know we can find amber, marcassite and lignite. This time we'll be prepared to dig. We'll be meeting at Parking Lot 8A at the Woodcrest Station of the PATCO High Speed Line at 8:30am. Recommended equipment: Insect repellent, larger shovel, gloves, hat and containers to collect your specimens. 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 are interested in attending, please send me an email at mark.leipert@yahoo.com or text to 856-524-2103. **If the weather winds up being too wet I am going to have an alternative location lined up, just in case.**



Mark Leipert, President

Photos

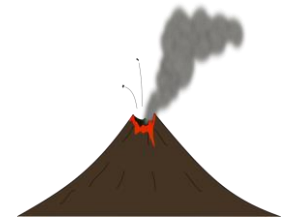
by Jim Brennan

1st Annual South Jersey Gem, Jewelry, Mineral, and Fossil Show, Cherry Hill NJ





News



Huge underwater volcano chain discovered off the coast of Tasmania

<https://www.nbcnews.com/mach/science/huge-underwater-volcano-chain-discovered-coast-tasmania-ncna929881>

Anak Krakatau volcano explodes like fireworks with lava and lightning

https://www.washingtonpost.com/weather/2018/10/29/anak-krakatau-volcano-explodes-like-fireworks-with-lava-lightning/?noredirect=on&utm_term=.b12032c005c5

These are the most dangerous US volcanoes, scientists say

<https://www.nationalgeographic.com/science/2018/10/news-most-dangerous-volcanoes-usgs-list-geology/>

Links

This Illustrated Periodic Table Shows How We Regularly Interact With Each Element

<http://mentalfloss.com/article/502751/illustrated-periodic-table-shows-how-we-regularly-interact-each-element>

Group	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18									
1	1 H																	2 He									
2	3 Li	4 Be											5 B	6 C	7 N	8 O	9 F	10 Ne									
3	11 Na	12 Mg											13 Al	14 Si	15 P	16 S	17 Cl	18 Ar									
4	19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr									
5	37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe									
6	55 Cs	56 Ba											57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu
7	87 Fr	88 Ra	**	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Cn	113 Nh	114 Fl	115 Mc	116 Lv	117 Ts	118 Og									
				57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu									
	**	89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr											

Quote of the Month:

Pliny the Elder perished in 79 A.D. when he refused to flee from the great eruption of Mt. Vesuvius, insisting that everything would be all right. It wasn't.

Will Cuppy

Shows and Events

November

November 3-4: Gem, Mineral and Jewelry Show, Trailside Nature & Science Center, 452 New Providence Rd., Mountainside, NJ 07092. 12-5 pm. Held indoors; exhibits, sales, activities, demonstrations. 908-789-3670; www.ucnj.org/trailside

November 3-4: Gemarama, HALL D at the Greater Philadelphia EXPO Center, 100 Station Avenue, Oaks, PA 19456. 2018 will be the 49th year that Tuscarora Lapidary Society has hosted its annual fine gem, jewelry and mineral show. In addition to vendors you would expect at any gem show, a third of the show houses over 30 instructional and competitive cases and a large lapidary arts demonstration area where visitors can see live the cutting of stones, jewelry making, beading, chain making, wire wrapping, and other arts and sciences associated with lapidary. Admission is \$6 for adults, \$1 for children under 12 years of age; two-day adult tickets are \$9. Boy Scouts and Girl Scouts in uniform and accompanied by an adult Scoutmaster are admitted free. <https://www.lapidary.org/gemarama/>

November 17-18: Gem Miner's Holiday Show, Lebanon Expo & Fairgrounds, 80 Rocherty Rd, Lebanon PA 17042. Gem, Jewelry, Bead, Gift, Mineral, Fossil & Craft Show, Saturday 10am to 5pm, Sunday 11am to 4pm. \$5 admission, children under 12 free. <http://www.gem-show.com/>



Membership Information

Regular memberships are entitled to participate in all DVESS activities.

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

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)

Delaware Valley Earth Science Society

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To submit an article or photos for publication in the DVESScapades, contact the Newsletter Editor at aquamarinepaisleyorchid@yahoo.com.

