

**Meeting place:** Evergreen Avenue School  
Woodbury, New Jersey

**Meeting Time:** 7:30 PM, 2<sup>nd</sup> Wednesday of month

**Meeting Date:** November 13th, 2002



## Programs & Special Events

### November's Program

Wednesday, November 13, 2002

**Speaker:** Dr. Lou Detofsky, "Doc Rock"

**Program:** Travels & Geology of Madagascar

### Junior Rockhounds Club

Mini-lesson 7:40 - 8:00PM

New members welcome!

No additional fees

**Schist with Red Garnet specimen for each Jr.  
Rockhound**

Mr. Paul Funk will teach you about Schist with Red Garnet from the New Hampshire area. Specimens have been donated by Margit & Charles Holsworth.

After the lesson, you may join your parent's for the evening's program

### **\*\* Election of Officers \*\***

## **Annual Holiday Party**

### **Gift Exchange**

Bring a wrapped ~\$10 gift.

Following the meeting we will adjourn to:

**Hollywood U.S.A. Café & Diner  
Route 45 & Elm Avenue  
Woodbury Heights, NJ 08097**

### December's Program

Wednesday, December 18, 2002

Program: Elections, Holiday Gift Exchange & Party!

### **\*\*\*\*\* IMPORTANT NOTICE \*\*\*\*\***

**December's meeting has been rescheduled to December 18<sup>th</sup> - 3rd Wednesday of the month.**



American Federation  
of  
Mineralogical Societies



Eastern Federation  
of  
Mineralogical & Lapidary Societies

# DVESSCAPADES

Newsletter of the Delaware Valley Earth Science Society – DVESS

## BACKGROUND

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. The Society supports the conservation of natural resources, advocates the availability of collecting sites, and maintains close contact with those in the academic field.

## MEETINGS

The Society meets the 2<sup>nd</sup> Wednesday of each month from September through June, at the Evergreen Avenue School in Woodbury, New Jersey. At 7:30 pm members meet to socialize, view displays, sign the registry and receive a door-prize ticket, toward a specially chosen specimen. Meetings start promptly at 8:00 PM and include the evening’s program followed by the monthly business meeting, concluding around 10:00 PM. Meetings are open to the general public.

## MEMBERSHIP

See the Membership Chairperson for an application for membership in the Society. Regular memberships are entitled to participate in all DVESS activities and to receive a newsletter when published. Sponsoring memberships are entitled to all of the above plus a specially chosen mineral specimen. Membership rates for the Society are:

### Regular Membership

\$15.00 for the 1<sup>st</sup> family member + \$5.00 for each family member  
\$10.00 for the 1<sup>st</sup> Senior (65+ )member + \$5.00 for each family member

### Sponsoring Membership

<u>Level</u>	<u>1<sup>st</sup> Member</u>	+	<u>Additional Members</u>	=	<u>Receive</u>
“Silver”	\$50.00	+	\$5.00	=	Geode Specimen
“Gold”	\$75.00	+	\$5.00	=	Native Gold Specimen
“Platinum	\$100.00	+	\$5.00	=	Premium Specimen

*Dues are renewable each year in January*

Delaware Valley Earth Science Society Inc., - DVESS  
P.O.Box 372  
Maple Shade, New Jersey 08052

DVESS Website:  
<http://www.dvess.org>

EFMLS Website:  
<http://www.AmFed.org/EFMLS>

### 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 editors.

To submit an article for publication in the DVESScapades contact the Newsletter Editor.

### DVESS 2002 SPONSORS

“Platinum” – Harvey Cantor  
“Gold” - Rick & Alice Hartly  
“Gold” - Eugene Szymanski  
“Silver” - Barbra Haulenbeek  
“Silver” - Jeff & Jason Winkler

Evergreen Avenue School  
160 N. Evergreen Ave.  
Woodbury, N.J. 08096  
Privilege to enter the school is limited to the night of the meeting between the hours of 7PM & 10PM under the direction of the school staff.  
Permission from the school staff is required to enter the school at any other time.

## DVESS 2002 Officers & Positions

### President

Grant Elliot  
(856) 728-1731  
[gle@bellatlantic.net](mailto:gle@bellatlantic.net)

### 1<sup>st</sup> Vice President

Rick Hartly  
(215) 729-2059  
[a8rharty@msn.com](mailto:a8rharty@msn.com)

### 2<sup>nd</sup> Vice President

Lou Detofsky

### Treasurer

Gary Weinstein  
(856) 234-0708 – Home  
(856) 795-5077 – Work  
[d.g.wein@worldnet.att.net](mailto:d.g.wein@worldnet.att.net)

### Recording Secretary

Terry Wilson  
(609) 714-1309  
[terry@dvess.org](mailto:terry@dvess.org)

### Corresponding Secretary

Pat Carey

### Sage

Len Morgan  
George Petreshock

### Membership Chairperson

Alice Hartly  
(215) 729-2059  
[a8rharty@msn.com](mailto:a8rharty@msn.com)

### Program Chairperson

Gary Weinstein  
[d.g.wein@worldnet.att.net](mailto:d.g.wein@worldnet.att.net)

### Jr. Rockhound Coordinator

Paul Funk  
(856) 912-1245

### Field Trip Coordinators

Rick & Alice Hartly  
(215) 729-2059  
[a8rharty@msn.com](mailto:a8rharty@msn.com)

Paul Funk  
Jeff Winkler

### Website Coordinator

Terry Wilson  
[terry@dvess.org](mailto:terry@dvess.org)

### Special Events Coordinator

Lorraine Campbell  
(856) 875-8699

### Newsletter Editor

Mike Jacob  
(856) 596-2230  
[stargazer7584@yahoo.com](mailto:stargazer7584@yahoo.com)

## Letter from the editor

By Mike Jacob

Greetings fellow DVESS'ers! While only a club member for less than a year I have decided nonetheless to throw caution to the wind and take on the job of newsletter editor. Please bear with me as I get thru the learning curve of desktop publishing and the in's and out's of the club.

One of my goals in the months ahead will be to distribute the newsletter by email to those members so inclined. This will save the club postage and printing costs, and you'll get the newsletter as soon as it's published. In preparation for this I have set up a Yahoo! egroup for the club. Invitations were emailed to all those club members who have email addresses on file with the membership secretary. To join the egroup just send an email to [DVESS-subscribe@yahoogroups.com](mailto:DVESS-subscribe@yahoogroups.com) . Once approved by the moderator you can then post messages to [DVESS@yahoogroups.com](mailto:DVESS@yahoogroups.com) .

For those not familiar with Yahoo! Egroups, let me explain. They are a modern version of what is generically known as a listserver or mailing list. This is a central server, which contains a list of email addresses. By sending an email to the listserver ([DVESS@yahoogroups.com](mailto:DVESS@yahoogroups.com) ) , your email automatically gets sent to all addresses stored on the server. When you receive one of these emails and reply to it, again it automatically gets sent to all addresses. In this way you do not need to maintain your own list of club members email addresses. Members are free to join the group or leave the group as they wish, and when your email address changes you just join the list with the new one and the change is transparent to the other members.

We will be using the egroup to distribute the newsletter, send notifications of upcoming events and meetings, post interesting news items and for general discussions among the membership about the world of minerals, rocks, fossils and meteorites, etc. I have set up the egroup to not allow attachments from the membership, this will prevent any viruses from being sent. I encourage you all to join the egroup and start participating today!

## Elections and Nominations

It's that time of year again and elections will be held next month. All members are encouraged to run for office, the more the merrier! If interested in running for office or if you have someone else in mind you would like to nominate please contact a member of the nominating committee, Gary Weinstein, Len Morgan or Harve Cantor.

# PEGMATITES

A Symposium presented by  
The Friends of Mineralogy/Pennsylvania Chapter

Nov. 1-3, 2002

Claymont, Delaware



**Roland E. Bounds**

It is with deep sadness and respect, that we the members of FM/PA dedicate this symposium to the memory of Roland E. Bounds, President. Roland served unselfishly in this position for a number of years. His death came after a short illness on October 18, 2002, and at age 49, was unexpected.

Mineralogy was a big part of his life. As a research technician with the Delaware Geological Survey, and a partner in Broken Back Minerals, he was able to extend his interest into his career. He was well-liked by the mineralogical community at large, and will be greatly missed.

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**The Public Schools**  
Woodbury, New Jersey  
Judith A. Wilson, Superintendent

October 24, 2002

Dear Lorraine,

Thank you very much for the generous donation of \$200 to the Evergreen Library from the Delaware Valley Earth Science Society.

Your contribution will be used toward the development of the library collection, specifically in the areas of Rocks and Minerals, gems, fossils, geology of the earth, the solar system, meteorites, Native Americans, and Rivers - water.

I will send a list of books selected.

Thank you again.

Sincerely,



Patricia Carston, Librarian  
Evergreen & Walnut Libraries

## Rock, Mineral & Fossil Display

By Lorraine Campbell

856-875-8699

Our DVESS executive board gave me permission to contact the Scotland Run Nature Center in Clayton, NJ to ask if they would like our club to set up & donate a display of NJ specimens. The Nature Center/Museum, Lake area, acres of woods and nature walk is part of the Gloucester County Park system. Years ago this land was known as "Wilson's Lake" and it had summer homes around the lake.

Permission was quickly granted and Terri, the park director and Ranger Jill seemed excited about the ideas I presented to them.

Our 6' display cabinet was given to Bill Viss. Bill is an earth science teacher and former DVESS member and field trip chairman. But, I have a cabinet to donate. It's 4' wide with three glass enclosed shelves each 11" high and 13" deep. The bottom has 2 drawers and two doors will be removed for open storage space. A little brown paint and it will match the shelves at the nature center.

I am looking for a committee to help put the display together with maps and specimen info. Let me know if you would like to help. I figure we will get it ready in my basement, then move it to Clayton.

This is what I have planned. (Specimens gladly accepted!) All specimens will be from New Jersey.

1. **Patterson, NJ:** Quartz crystals, amethyst, calcite crystals and green prehnite specimens.
2. **NJ Quartz display:** Show that southern NJ was an ocean. Display maps showing the inner and outer coastal plains and specimens from Cape May – "diamonds" and stones (water polished). Local waterpolished stones/quartz "diamonds". NJ sandstone. Rounded pebbles, brechia & pudding stone and Bog iron rock from the Batsto area.
3. **Big Brook Fossils:** I have some fine small shells and belemnites from Jane Bourquin. Larger shells and some shark teeth are needed as well as any other special fossils anyone might be willing to donate.
4. **Sewell area Fossils:** I have large oyster fossils from the Claire Leap collection. Bob and Sally Todd donated to me (for club use) a conglomerate of clay and marl containing lots of shells and belemnite fossils. This is from the housing development near Inversand in Sewell. Does anyone have extra specimens from this area or Inversand or Barnsboro? Especially shark teeth.
5. **Sayreville Fossils:** I will do a Riker mount of fossil plant material, amber and lignite (soft coal).
6. **NJ Petrified Wood:** From Gibbsboro and Blackwood. Specimens needed.

Lastly, I am going to put individual specimens in small boxes with the ID and location marked in the lid of the box. The Junior Rockhounds love their "treasure box". All children love to touch the specimens and these will be in a basket on a lower shelf. NJ specimens needed for this project also!

## Volunteers Needed!

The following positions are still open for that club member who wants to participate more actively in the club. Contact any executive board member for more info.

1. Jr. Rockhound assistant.
2. Special Events coordinator.
3. Librarian.
4. Badge maker.

## The 2002 Pascack Show

(Formerly held at Pascack Hills H.S. in Montvale)

### 12<sup>th</sup> Annual Mineral, Gem, Jewelry and Fossil Show and Sale

Park Ridge Elks Hall  
13 Sulak Lane  
Park Ridge, N.J.

**SATURDAY, NOVEMBER 23<sup>rd</sup> 10 AM to 5PM**  
**SUNDAY, NOVEMBER 24<sup>th</sup> 10AM to 4PM**

**AMPLE FREE PARKING**

**General Admission: \$4.00**  
**\$3.50 with this flyer**  
**Children under 12 years- \$1.00**  
(admission charge is good for both days)

#### Directions:

From the South: Garden State Parkway North to Exit 168. At exit turn right .6 miles to traffic light at Pascack Road (Seasons Restaurant is on the corner). Turn left onto Pascack Road for 2.7 miles to Sulak Lane (Mobil gas Station is on corner) Turn right onto Sulak Lane, ELKS Lodge is at the bottom of hill on left.

From the North: N.Y. State Thruway to Garden State Parkway exit 14A. Exit at School House Road. At exit turn left (Name will change to Spring Valley Road) Go past the light at Grand Avenue to Fremont Avenue to its end (for a total of approximately 2.6 miles from Parkway exit). Turn left onto Fremont Avenue .7 miles to Pascack Road. Turn left onto Pascack Road to Sulak Lane. (Mobil Gas Station is on corner). Turn right onto Sulak Lane, ELKS Lodge is at the bottom of hill, on left.

Information- SOMETHINGS (201) 262-2726 e-mail SOMTHG@bellatlantic.net

## Minutes of the October 9, 2002 DVESS meeting

By Terry Wilson

Grant opened the meeting at 8:10 by introducing the officers. Next, we were introduced to Derek Yoost, our night's speaker. A large crowd of 38 turned out to hear his presentation on Meteorites and Their Origins.

Derek spoke to us last season on amber, and tonight he demonstrated that he was just as knowledgeable in the field of meteorites. Backed with slides and a huge display of specimens from all over the world, Derek gave one of the best DVESS presentations I can remember.

I'll hit on just a few points of interest. Larger asteroids, 2 miles+ in diameter, are similar to earth. Iron meteorites are from the core, and represent what's probably at the core of our own earth (which of course we can't sample). There are two classes of meteors: "Finds" and "Witness Falls". 89% are "Finds". Derek showed a slide of a witness fall, of a house hit by one. Although meteors make blazing trails as they generate friction with our atmosphere, they start out near absolute zero, and are generally still very close to that when they hit. Only the outside is hot, like fried ice cream at a Mexican restaurant. Meteorites' interesting patterns are brought out by etching the cut surface.

After the break, we held the business portion of the meeting. Minutes were read from last month and accepted. Treasurer's report was given (we are in the black) and the membership report announced one new member. For programs, November features our own Lou Detofsky talking on Madagascar, and December is our annual holiday gift exchange, elections, and post-meeting dinner at a local eatery. Gary has a lot of good speakers lined up for 2003, including George Powell, Phil Betancourt, Michael Kessler, and John Lebold. Mike Jacob has graciously volunteered to take over the newsletter, and brought up the idea of an emailed newsletter for those wishing to receive it that way. For the field trip report, Gary told us that the French Creek collecting area that was popular for so many years among rock hounds, has been sold to a religious group with plans to turn it into a Triassic Park attraction.

In going through the mailbag, Gary announced regional mineralogical events, and also a notice from someone in north Jersey who had lapidary equipment for sale. If interested, contact Gary. Gary also brought some books for sale, signed by the author: "Reading the Earth". The banquet scheduled for the upcoming weekend was discussed, enticing people to come out for the afternoon. The meeting adjourned around 10.



**Local Show Dates 2002**

<b>DATE</b>	<b>Day</b>	<b>Time</b>	<b>Host</b>	<b>State</b>	<b>Admission</b>
11/15/02	Fri	10am-6pm	<b>1<sup>st</sup> Annual Show</b> Treasures of the Earth Gem & Jewelry Shows National Guard Armory	Charlottesville, VA	540-384-6047 Van Wimmer <a href="mailto:vawimmer@rbnet.com">vawimmer@rbnet.com</a> <a href="http://www.toteshows.com">www.toteshows.com</a>
11/16/02	Sat	10am-6pm			
11/17/02	Sun	11am-5pm			
11/22/02	Sat	10am-5pm	<b>12<sup>th</sup> Annual Show</b> Somethings Production Park Ridge Elk Hall	Park Ridge, NJ	201-262-2726 <a href="mailto:somthg@bellatlantic.net">somthg@bellatlantic.net</a>
11/23/02	Sun	10am-4pm			
3/01/03	Sat	10am-6pm	<b>40<sup>th</sup> Annual Show</b> <b>Delaware Mineralogical society</b>	Clayton, DE	<a href="mailto:fossilnut@aol.com">fossilnut@aol.com</a> <a href="mailto:AandMkane@aol.com">AandMkane@aol.com</a>
3/02/03	Sun	11am-5pm			

**Field Trips**

November 23<sup>rd</sup> - Aurora, North Carolina – Lee Creek locality – Fossils (teeth, vertebrae, bone, shell)  
Meet @ PCS Phosphate facility – Travel time approximately 9.5 hours for 475 miles  
Members must pre-register by contacting Rick or Alice Harty.

The Public Affairs Administrator of PCS has allowed our club eight (8) spots for collecting that day.  
The following members are signed up for the Lee Creek Trip,  
Rick Harty, Gary Weinstein, Paul Funk, Lorraine Campbell, Vincent Franchi, Gerald Fegin,

If the two (2) vacancies are not filled by our members, by the night of the November meeting, I will offer the spots to any NEFTA club member.

Alice Harty will travel with the group but she will not collect at the quarry. Alice has instead offered to volunteer her time and work at the Aurora Fossil Museum in Aurora, North Carolina. The Museum will be kept open after the collecting hours @ PCS close to allow time for the collectors to visit. After visiting the Museum we'll stop at the Chinese Food Restaurant in Washington, N.C. for a buffet style dinner.

## Membership Report 11/02 By Alice Harty

Hi All,

We have some new members. Lisa Dunne-Jackson came to the October meeting, with her sons Joe and Josh. They must have had a good time because they joined that night.

Gloria Maestas has renewed her membership, it will be good to see her smile at the meetings again.

We have the sad news to announce that Linda Bjornson's (nee Starr) husband George, has passed away on June 18, 02. He is also survived by three sons, Chris, Kevin & Jeffrey. I have collected with them both and while George was not an enthusiast of Rock hounding, he enjoyed sharing Linda's interest in the hobby.

And now for something completely different...

Are you telling me you are going to give up a chance to collect in one of the hottest fossil collecting sites? I'm talking sharks teeth, whale vertebrae, dolphin teeth, an abundance of the most delicate and/or tiny shells, worm tubes, as well as land animal fossils, to name a few.

We have spaces left for the Lee Creek locality in Aurora, NC. I gave up my spot to work in the Aurora Fossil Museum, only because I have collected there several times before it was closed to us. Our club has not been to this locality in quite a few years.

This is truly a place to check out. The bus ride in is bumpy but once there, you start finding fossils immediately. Oh yes and beg for rain the night before, not too much now, because then the sharks teeth and other fossils are perched on little pedestals of the dune like material. Sometimes you will see only the small corner of what you recognize to be bone material or fossilized sharks teeth and when you reach for it find it is much bigger than originally assessed. I have personally seen a three inch shark's tooth and segments of complete whale vertebrae, as well as heard the rumor of someone on the bus finding fossilized horse teeth

You can walk along and surface mine, take out a paint brush and clean an area of its bounty, or dig into the dunes, all have proved fruitful in the past.

Always check under your seat if you've been working an area for awhile, this also goes for under your feet or between the feet of someone resting awhile, for some reason they like to show up in these spots.

Bring small vials or Ziplocs for all the tiny fossils and a back pack or rope to create a handle for the bigger ones.

Now that you're hooked and you've collected all day Saturday, the Aurora Fossil Museum now stays open for you to visit and maybe identify some of your find. The museum has put great effort into putting together some fascinating displays and movies.

Sunday, when you wake up you will have the hard choice of deciding whether to drive home or collect on the reject pit, open year round, across the street from the Aurora museum.

The reject pit is where Paul Funk, Lorraine Campbell, Rick and I collected, during the Aurora Fossil Festival, on memorial day weekend, Paul and Lorraine were both instantly addicted, never having collected in the lee creek locality, itself, just the reject pile.

So, what's a day's drive compared to this much fun?

Well hope to see you there and that my sacrifice was not in vain when you show me your find of the day, at the Chinese Buffet, Saturday night, a customary haunt to discuss the day's adventures.

**Dues are Due For the Year 2003**

**\*\*\*\*\*Basic Membership\*\*\*\*\***

\*Basic Membership - \$15.00 for the 1<sup>st</sup> family member  
+ \$5.00 for each additional family member

\*\*Senior Citizen (65+) - \$10.00 for the 1<sup>st</sup> family member  
+ \$5.00 for each additional family member

Pay Your Dues before or at the February 12<sup>th</sup> meeting to enter the  
“Early Dues Specimen Drawing”  
at the March meeting.

**\*\*\*\*\* Sponsoring Memberships\*\*\*\*\***

**\*\* (Receive a Special Specimen Gift) \*\***

“Silver” Sponsor - \$50.00 for the 1<sup>st</sup> family member (Geode Specimen)  
+ \$5.00 for each additional family member

“Gold” Sponsor - \$75.00 for the 1<sup>st</sup> family member (Native Gold Specimen)  
+ \$5.00 for each additional family member

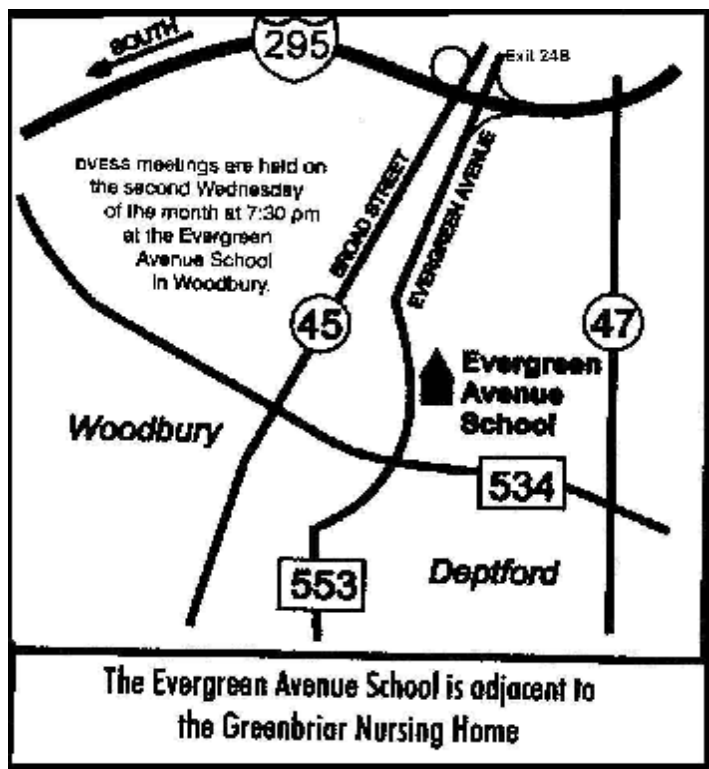
“Platinum” Sponsor - \$100.00 for the 1<sup>st</sup> family member (“Premium” Specimen)  
+ \$5.00 for each additional family member

Pay Your Dues at Any Meeting or Mail to:

DVESS

P.O. Box 372

Maple Shade, N.J. 08052



**This Month's Meeting:**  
Wednesday, November 13th 2002

7:30 PM at the Evergreen Avenue School  
**Madagascar**

**Next Month's Meeting:**  
December 18th, 2002  
Elections, Holiday Party

## DVESScapades

*The Newsletter of the  
Delaware Valley Earth Science Society*

**PO Box 372**

**Maple Shade, New Jersey 08052**



**Birthstone: Topaz or Citrine**