

DVESSCAPADES

Newsletter of the Delaware Valley Earth Science Society – DVESS

Year 46, Volume # 1

January 2003

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

Meeting Time: 7:30 PM, 2nd Wednesday of month

*Meeting Date: **January 8th, 2003***



This Month's Meeting

January 8th, 2003

*A surprise mystery program to
start off the New Year!
Guaranteed to be entertaining
and informative!*

Don't miss it!

Junior Rockhounds Club

Mini-lesson 7:40 - 8:00PM

New members welcome!

No additional fees

This month's mineral:

Apophyllite

Crystal samples from New Jersey will be
distributed

Next Meeting
February 12th, 2003

Donald Peck — Mineral Identification



American Federation
of
Mineralogical Societies



Eastern Federation
of
Mineralogical & Lapidary Societies



Special Congress
Representing
Involved Bulletin Editors

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 2nd 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 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

<u>Level</u>	<u>1st Member</u>	<u>+</u>	<u>Additional Members</u>	<u>=</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 2003 Officers & Positions

President

Grant Elliot
(856) 728-1731
gle@bellatlantic.net

1st Vice President

Rick Hartly
(215) 729-2059
a8rharty@msn.com

2nd Vice President

Lou Detofsky

Treasurer

Program Chairperson

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

Recording Secretary

Terry Wilson
(609) 714-1309
terry@dvess.org

Corresponding Secretary

Pat Carey

Sage

Len Morgan
George Petreshock

Membership Chairperson

Newsletter Editor

Mike Jacob
(856) 596-2230
stargazer7584@yahoo.com

Jr. Rockhound Coordinator

Paul Funk
(856) 912-1245
jerry7@snip.net

Field Trip Coordinators

Rick & Alice Hartly
(215) 729-2059
a8rharty@msn.com

Paul Funk
Jeff Winkler

Website Coordinator

Terry Wilson
terry@dvess.org

Special Events

Coordinator

Ann Lynne Benson
(856) 783-0969

President's Message

By Grant Elliot

Another year has passed and (This does apply to the Junior Rockhounds) the older you are, the faster time does seem to pass. We do hope to provide DVESS members with an even more exciting and interesting year in regard to field trips, programs, and experiences. We have dedicated people in the "skill" positions planning all kinds of wonderful things.

Our newsletter is now available via email, which gives our newsletter editor, Mike Jacob, the opportunity to provide additional computer link information. Please let Mike know whether the email version is sufficient for you. This will cut down on the mailings he needs to do. This saves money, which can be used elsewhere for you. Also, thanks to Mike, we now have DVESS eGroup (DVESS@yahoogroups.com) information announcements via email.

Finally, please remember that this is the time of the year for your annual membership dues payment, the fuel that allows our DVESS engine to run.
See you on January 8th.

Volunteer Still Needed!

The club is still looking for a member to take on the position of Librarian. If interested please contact a club officer. Phone numbers and email addresses are on page two.

DVESS.org Revamped

by Terry Wilson

I have updated the DVESS website to not only give it a much-needed facelift, but also to better showcase our club's activities and make navigation easier. The old website was hastily put together several years ago before I knew what I was doing. I finally couldn't take it anymore, and holed myself up for an entire weekend to revamp.

Now, there's a simple navigation bar across the top of the page with only a few broad categories. The Calendar link contains the meeting schedule, field trips, and special events. There's a Newsletter link with pdf files for the newsletters, beginning with Mike's editorship. The Message board link will have our message board back up soon, and the Other link has club info, a membership form, contact list, and links. The section that inspired the new makeover though, is the Photos link. Here, you'll find libraries of photos of field trips. If there was an article associated with the trip, that is included also. I have slipped in one non-DVESS trip I took to the Buckwheat mine, because it is related to the Trotter event. If anyone else has photos of trips to contribute, please contact me. I also envision members' collections of NJ specimens. If you have a collection you'd like to showcase, this would be something we could discuss also.

Go have a look at <http://dveess.org>

Dues are Due For the Year 2003

<u>Category</u>	<u>1st Member</u>	<u>Each Additional</u>	<u>Sponsor Gift</u>
Basic	\$15	\$5	N/A
Senior Citizen (65+)	\$10	\$5	N/A
“Silver” Sponsor	\$50	\$5	Geode Specimen
“Gold” Sponsor	\$75	\$5	Native Gold Specimen
“Platinum” Sponsor	\$100	\$5	“Premium” Specimen

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

Pay Your Dues at Any Meeting or Mail to:

DVESS
P.O. Box 372
Maple Shade, N.J. 08052

Please be sure to give us your correct Email address and whether you prefer to receive the DVESScapades newsletter via Email or a printed version via snail-mail. Remember, an Emailed newsletter saves the club significant money and you will get it several days sooner.

Bus Trip Planned!

Planning is in the works for a February/March bus trip to New York City to visit the American Museum of Natural History and the Rose Center. The cost of the trip will be partially subsidized by the club treasury making it very affordable for the whole family. Keep your eyes open for future announcements regarding details of date and cost.

Minutes of the December 18th, 2002 DVESS meeting

By Terry Wilson

This month our meeting was held a week later due to a school scheduling conflict. Grant Elliot opened the meeting at 8. December's meeting is our annual election of officers and gift exchange, followed by a late meal at a nearby restaurant. Lacking a formal program, Grant turned it over to Program Chair, Gary Weinstein to talk about future programs. Gary has a nearly full schedule of varied programs for 2003, with January still to be determined as of this night. In addition to programs, he announced that our bus trip to New York City and the Natural History Museum is probably going to happen in March. Our treasury will subsidize the cost for members, to bring the price down to \$10. Non-members are welcome, and encouraged, to come, but they will pay full price of \$15. Even \$15 is a bargain to get to New York.

Next, we passed the hat for a Christmas gift to Ginger, the school employee who unlocks the door for us and is otherwise on hand if we need something during the meeting. Then we voted for officers for the upcoming year. The slate carried unanimously, with the same officers all over again: President, Grant Elliot; 1st Vice President, Rick Harty; 2nd Vice President, Lou Detofsky; Recording Secretary, Terry Wilson; and Corresponding Secretary, Pat Carey. Since a president can only serve two years in a row, everyone should start thinking about who will be president in 2004.

Ed Loveland brought his display boxes again for anyone interested, and Lorraine asked for donations of NJ specimens to include in a display in Clayton's Scotland Run County Park museum. We talked about the recent Aurora trip, and Paul Funk brought photos and his findings to show, including a big hunk of amber and a large, 4-inch shark tooth.

Finally, we had the gift exchange, where ticket numbers determined the order of pick. We exchanged a variety of modest gifts, mostly rock or fossil related, and a good time was had by all. The Junior Rockhounds held a separate gift exchange.

The meeting adjourned around 8:30, and most of us headed over to the nearby Hollywood diner for informal socializing.

Letter from the Editor

By Mike Jacob

I hope everyone enjoyed a Merry Solstice and I wish you all a Happy New Year! This issue of the DVESScapades includes the annual distribution of the club constitution, please study it thoroughly.

I have noticed a lot of bouncing email addresses on the Yahoo! Group, please make sure we have your current email address. Whether you wish to receive the newsletter electronically or by mail it's good to be a member of the Yahoo! Group <http://groups.yahoo.com/group/DVESS/> to take part in discussions and get alerts on stories and events before they hit the monthly newsletter. Annual dues renewal is a great time to make sure all your information is up to date. Address, phone and email updates can be sent directly to the Membership Chairperson (Me) at stargazer7584@yahoo.com.

Inter-Club Mineral Swap & Sell
Saturday, February 1, 2003
9:30 AM to 3:30 PM
Schuylkill Environmental Education Center

Last year seventeen collectors from six local clubs filled tables at our first interclub swap and sell. The Schuylkill Center receptionist estimated that 85 people (includes swappers and sellers) attended the event. The auditorium was a collection of minerals, rocks, semi-precious stones, jewelry, fossils, books, magazines, and hobbyists specialty tools – truly something for everyone. Swap and Sell guidelines have been modified based on lessons learned last year, the focus is still to maximize participation while minimizing work.

Guidelines for Inter-Club Swap & Sell (In no special order)

1. Space is available on a first come, first served basis – preference given to last years participants and PMS members (in that order) until December 31, 2002.
2. Cost of space is \$7.50 payable in advance. If you reserve a space and cancel a refund will be made only if the space can be sold again.
3. A table will be provided on a first come, first serve basis. Limit one 8 foot table per person (Husband + Wife = 1)
4. Set up is limited to auditorium, which holds 24 spaces. SCEE has about 20 tables available (some are 6 foot). If you bring your own table(s) space is still limited to 8 feet.
5. Members of other mineral clubs are invited and encouraged to attend.
6. **No admissions fee to Swap and Sell.**
7. No commercial dealers.
8. Material need not be self-collected.
9. Swapping is OK, so is selling.
10. No jewelry dealers, OK if auxiliary to minerals.
11. Fossils are OK, but emphasis is minerals.
12. Lapidary material is OK.
13. No lights or extension cords.
14. No table covers or skirts provided. You may bring your own.
15. PMS will start setting up tables at 8:00 AM and they will be available for your set up at 8:30 AM.
16. When the swap and sell ends at 3:30 PM please starting packing up and cleaning your space. PMS must clean and be completely out of the auditorium by 5:00 PM.

Contact Stan Molchanow (215-482-4015 or <mailto:stan.molchanow@verizon.net>) to sign-up for tables. Mail registration fee with check or money order made out to the Philadelphia Mineralogy Society c/o 621 Flamingo Street, Philadelphia, PA 19128. No contact is necessary to attend Swap and Sell on February 1st.

Science Sundays at The Newark Museum

January 19 and March 9, 3:00-5:00 p.m.

Meet two of the nation's leading scientists, David Grimaldi and Lowell Dingus as they unlock scientific secrets tens of millions years old. Following each of their lectures, attendees will have an opportunity to examine scientific specimens first hand, tour the exhibition, *Amber: Worlds Suspended in Time* and enjoy a reception and book signing with each of the speakers.

Billy Johnson Auditorium

Pre-registration required. Call 973-596-6613. Fee: \$8.00 members and \$10.00 non-members; \$6 for individual lectures; FREE for students with current ID

Amber: Worlds Suspended in Time

January 19, 3:00-5:00 p.m.

Speaker: David Grimaldi, Ph.D., Curator of Entomology, American Museum of Natural History

Imagine life on Earth 90 million years ago when dinosaurs roamed New Jersey, mammals were the size of mice, and the entire world was tropical. This slide illustrated lecture by Dr. David Grimaldi, the world's leading authority on amber, will demonstrate how he recreates the ancient past through the life forms preserved in amber. One site in Sayreville, New Jersey, the location of Dr. Grimaldi's research, has one of the most diverse biotas known from the Cretaceous Period (145-65 million years ago), including some of the world's oldest ants, bees, mushrooms, myriad insects, and flowers preserved in amber.

Also, meet Paul Nascimbene, Curatorial Specialist from the American Museum of Natural History, who will take you into nature's time capsule using a stereoscopic microscope to explore amber inclusions.

Dinosaurs from Argentina and Mongolia: How the World Has Changed

March 9, 3:00-5:00 p.m.

Speaker: Dr. Lowell Dingus, Research Associate in the Department of Paleontology and Former Director of the Fossil Hall Renovation at the American Museum of Natural History and President of InfoQuest..

Over the last decade, expeditions to Mongolia and Argentina have uncovered numerous new types of dinosaur fossils that have shed light on age-old scientific mysteries, including the origin of birds and the reproductive behavior of giant sauropod dinosaurs. Dr. Dingus has participated as a paleontologist and geologist on several of these field trips. His lecture will highlight the discoveries made there and as well as illustrating what the ancient world looked like when these animals lived. Following the lecture see fossils of actual embryonic dinosaur skin and bones.

Junior Rockhounds Report

By Paul Funk

Adham, Jonathan, Josh, and Eugene filled in their handout by translating the chemical formula for Stilbite with a Periodic Table of the Elements. Then they each received three different types of Stilbite crystals. And additionally, among the holiday gifts exchanged there was a nice Orthoceras fossil from Erfoud, Morocco and a fascinating Pyrite crystal from "Gloryhole" Alice, Colorado. Another gift exchanged was a Special Disney Edition of the classic board game Sorry.

Junior Rockhounds Stilbite Corrections

By Paul Funk

When I made the Junior Rockhounds handout for Stilbite, I substituted the chemical terms hydrocarbon and gasses with the word oil. This is too broad a term and does not illustrate the filtration process accurately. I have revised the handout omitting the word oil completely, etc.

Secondly, the handout implies that water is treated the same way as oil molecules. This, of course, is not the case and I have changed the wording to simply state that "Stilbite is also used to soften water." This places one of the relationships between Stilbite and water in the simplest of terms.

Junior Rockhounds can pick up the corrected Stilbite handout at the January meeting. There are also some stilbite specimens left. For those who missed the December meeting.

Upcoming Area Show

Philadelphia Mineral Treasures and Fossil Fair 2003 Annual show and Sale - a joint show of the Philadelphia Mineralogical Society and the Delaware Valley Paleontological Society

Saturday April 5, 2003 10:00 A.M. to 5:00 P.M.

Sunday April 6, 2003 10:00 A.M. to 4:00 P.M.

Location: Lulu Temple; 5140 Butler Pike; Plymouth Meeting, PA - Two Miles from the Norristown exit (#333) of the PA Turnpike

Admission \$3.00. Children under 12 and uniformed scouts free.

Features: Fossil, mineral and gem dealers, exhibits, learning activities include fossil dig for children and a kid's corner with free specimens, raffle, door prizes, and scouting merit badge information. Food and beverages available.

Info: Contact Karenne Snow @ (609) 953-1987 e-mail njwren@aol.com

PMS website: [HTTP://philamineral.freewebsites.com](http://philamineral.freewebsites.com)

THE DELAWARE VALLEY EARTH SCIENCE SOCIETY, INC.

CONSTITUTION

The Delaware Valley Earth Science Society was founded at a meeting held at Woodbury High School, Woodbury, New Jersey, in February 1956, following discussion among interested persons in the summer of 1955. Since it's founding, The Delaware Valley Earth Science Society has remained the primary organization in southern New Jersey serving hobbyists and others interested in the "Earth Sciences." **WE**, the Membership of The Delaware Valley Earth Science Society, Inc., recognizing, and honoring the first Thirty Years of Our Existence and History, **DO ORDAIN AND ESTABLISH THIS NEW CONSTITUTION** in order to reflect more precisely Our Organization, Our Government, and Our Goals.

ARTICLE ONE: THE SOCIETY

SECTION 1: NAME.

1. The name of this organization shall be, "The Delaware Valley Earth Science Society, Inc."
2. This Document henceforth shall refer to this organization as the "Society."

SECTION 2: LOCATION.

This Society "shall be located, and its activities shall be conducted, in the Delaware Valley, comprising southern New Jersey, Eastern Pennsylvania, Maryland, and Delaware."

SECTION 3: ADDRESS AND MEETING PLACE.

1. The Executive Board shall determine, and may change, the permanent address and the location of the meeting place of this Society.
2. The permanent address and the location of the meeting place of this Society shall be noted in the By-Laws of this Society.
3. The Executive Board likewise shall determine the mailing address of this Society.
4. The mailing address of the Society shall be announced and shall appear in publications as determined by and set forth in the By-Laws of this Society.

ARTICLE TWO: THE CORPORATION

SECTION 1: NON-PROFIT ORGANIZATION.

This Society shall be a "non-profit, public service organization," as certified and/or amended in its Certificate of Incorporation papers.

SECTION 2: INCORPORATION.

1. The incorporation papers of this Society, dated 7 November 1957, have been registered with the State of New Jersey. The papers are recorded in the Gloucester County Clerk's office, at Woodbury, New Jersey, in Book 12 of the Certificates of Incorporation, page 225.
2. The State of New Jersey records the date of incorporation of this Society as 31 December 1957.

SECTION 3: CORPORATION NUMBER.

The Corporation Number of this Society is 0900-0148-60.

SECTION 4: FILING.

1. This Society shall prepare and file with the State of New Jersey any papers, forms, and amendments as the State of New Jersey or the needs of this Society may require.
2. In addition, this Society shall forward to the State of New Jersey the amount of any fees, which the State shall require for any reason with respect to this Society as a "non-profit, public service organization."

SECTION 5. AGENT.

1. As required by the State of New Jersey, this Society shall have a Registered Agent.
2. This Society shall notify the State of New Jersey regarding the name and

address of the Registered Agent of this Society specifically and promptly, whenever the name and address of the Registered Agent of this Society shall change.

3. The Executive Board shall determine for itself and on behalf of this Society the name and address of the Registered Agent.

4. The name and address of the Registered Agent of this Society may be different from the "mailing address" of this Society, as established in Article One, Section 3, Subsections 3 and 4 of this Constitution.

ARTICLE THREE: SOCIETY OBJECTIVES

SECTION 1. OBJECTIVES.

The objectives of this Society shall be:

1. To promote an interest in, and knowledge of the "Earth Sciences."
2. To establish fellowship with and fraternity for its Members, who have an interest in the "Earth Sciences."
3. To assist its Members in developing skills in the arts and sciences related to the "Earth Sciences," among which are noted specifically, but not exclusively, mineralogy, paleontology, geology, and lapidary.
4. To work toward the conservation of the natural resources of the United States as these resources are related to the "Earth Sciences."
5. To support efforts to keep available "Earth Science" collecting sites.
6. To promote understanding and to establish the sharing of knowledge, findings, and experience between the "Earth Science" hobbyists of this Society and teachers and students of academic institutions.

SECTION 2. NO PERSONAL PROFIT.

To carry out the objectives of this Society, "no Member or Members of this Society or any other person or persons shall indulge in any activity of making personal profit for or in the name of this Society."

ARTICLE FOUR: MEETINGS

SECTION 1: REGULAR MEETINGS.

1. There shall be regular monthly meetings of the Society, held from September through June, inclusive, of each year.
2. The time of and place for regular monthly meetings shall be determined by and set forth in the By-Laws of this Society.
3. If circumstances force the change in time of, place for, and/or the cancellation of any regular monthly meeting, it shall be the responsibility of the Executive Board to give notification to the Membership. The initiative for this responsibility shall come from the President, who shall employ the Second Vice-President to carry out this notification.

SECTION 2: EXECUTIVE BOARD MEETINGS.

1. There shall be regular monthly meetings of the Executive Board, held from August through May, inclusive, of each year.
2. The Executive Board shall determine and agree to the date, time, and place for each of its meetings.
3. The Executive Board shall announce and/or publish the date, time, and place of its meetings to and for the Membership of this Society.
4. Interested Members of this Society may attend any Executive Board meeting.

ARTICLE FIVE: OTHER ORGANIZATIONS

SECTION 1: RELATIONSHIP.

This Society shall establish and maintain relationship, affiliation, membership, and active participation with and in regional and national organizations relating to the "Earth Sciences."

SECTION 2: DETERMINING RELATIONSHIP.

Such regional and national organizations, as they interest this Society, shall be determined by and identified in the By-Laws of this Society.

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SECTION 3: REPRESENTATIVES.

- 1.The Executive Board shall commission, by appointment, Representatives of this Society for regional and national organizations to which this Society belongs.
- 2.Such Representatives shall act according to instructions given them by the Executive Board.
- 3.Representatives shall be reimbursed for expenses incurred in their actual roles as representatives of this Society only as approved by the Executive Board.
4. Representatives shall make a report of their activities as representatives of this Society to the Executive Board, as directed by the Executive Board.

ARTICLE SIX: GOVERNMENT

SECTION 1: LAW.

This Constitution and a Code of By-Laws shall make up the body of Law in this Society.

SECTION 2: STATE REQUIREMENTS.

Since the State of New Jersey requires non-profit organizations to establish both a constitution and a set of by-laws, any specific law, or part of a law, included in the Constitution and/or the Code of By-Laws of this Society, which shall be declared illegal or otherwise inappropriate by the State of New Jersey, shall be null and void, losing all effect of Law, whether or not such law has been so declared by this Society, regardless of such law's approval and promulgation by due process in this Society.

SECTION 3: CONSTITUTION.

- 1.By its very nature, this Constitution shall embody all laws of this Society, which shall be of a more permanent nature.
- 2.This Constitution shall remain the final authority of Law in this Society, every other law to the contrary notwithstanding, except for the provision made in Article Six, Section 2 of this Constitution.

SECTION 4: BY-LAWS.

- 1.By its very nature, the Code of By-Laws of this Society shall express laws of a more fluid and changeable nature.
- 2.The Code of By-Laws shall embody all laws, which clarify or further define the Law contained in this Constitution. The Code of By-laws shall further detail all laws necessary to the operation and aims of this Society which, by their nature, belong to the By-Laws and which are not expressed in this Constitution.
- 3.No law shall be added to the Code of By-Laws contradicting or superseding the Constitution itself, as provided in Article Six, Section 3, Subsection 2 of this Constitution. Any such law shall be null and void, having no effect of Law, whether or not such law has been so declared by this Society, and regardless of such law's approval and promulgation by due process in this Society.

SECTION 5: SPECIFIC AUTHORITY.

The authority to conduct the affairs of this Society is delegated to specific individual persons and groups of people within the Society, who shall be empowered by Law, as:

1. The Regular Membership.
2. The elected Officers.
3. The Executive Board.
4. Chairpersons who are Members of the Executive Board.
5. Chairpersons of temporary or "ad hoc" functions who are not Members of the Executive Board.
6. Other specific persons, wherever identified by the Law.

SECTION 6: PRIVILEGED AUTHORITY.

All power and authority not delegated elsewhere, specifically by the Law of

this Society, shall rest with and become the privilege of the Executive Board.

SECTION 7: INTERPRETATION OF LAW.

The Executive Board shall possess sole authority to interpret the Law of this Society.

ARTICLE SEVEN: MEMBERSHIP

SECTION 1: REGULAR MEMBERSHIP.

- This Society shall recognize the following types of Regular Membership:
- 1.Individual Adult Memberships, for persons seventeen years of age and older.
 - 2.Family Memberships, including all children under seventeen years of age.
 - 3.Junior Memberships, for persons under seventeen years of age. An Adult Member, who acts, as a Sponsor, or a Parent must accompany a Junior Member to any meetings or functions of this Society.

SECTION 2: LIFE MEMBERSHIP.

- 1.Life Membership may be conferred upon individuals of this Society who have made noteworthy contributions to the "Earth Sciences," or who have exhibited extraordinary dedication to this Society, its welfare, and its aims.
- 2.Candidates for Life Membership may be recommended to the Executive Board by any Member of this Society. The Executive Board will nominate candidates for Life Membership.
- 3.The Executive Board will schedule the election of candidates for Life Membership for any regular meeting, announcing the election at least one month in advance.
- 4.A majority vote of the Regular Membership present at the scheduled meeting shall elect a candidate as a Life Member.
- 5.A Life Member is exempt from the payment of Dues to this Society but shall, nonetheless, enjoy all the Rights and Privileges of membership in this Society.

SECTION 3: HONORARY MEMBERSHIP.

- 1.Honorary Membership may be conferred upon individuals outside of this Society who have made noteworthy contributions to the "Earth Sciences."
- 2.Honorary Members shall be proposed, nominated, and elected in the same manner as Life Members.
- 3.An Honorary Member is exempt from the payment of Due to this Society but shall, nonetheless, enjoy all the Rights and Privileges of membership in this Society.

SECTION 4: APPLICANTS FOR REGULAR MEMBERSHIP.

- 1.Any interested individual or family may make application for Regular Membership in this Society.
- 2.Applicants must complete an application form, as established by the By-Laws of this Society.
- 3.Applications for Regular Membership are approved by a majority vote of those Executive Board Members present at any Executive Board meeting.

SECTION 5: MEMBERSHIP AND LAW.

1. In accepting any form of membership in this Society, an individual also acknowledges, accepts, and agrees to abide by the Law of this Society.
2. Infringement of the Law of this Society can provide cause for expelling any Member from this Society.
3. The Executive Board shall determine for itself when and for what cause a Member may be expelled from this Society.
4. A Member is expelled from this Society only by a unanimous vote of the Executive Board Members present at any Executive Board meeting.

SECTION 6: DUES.

1. Dues must be paid by Regular Members by the time of the regular meeting held in January of each year.
2. If dues have not been paid by the regular meeting held in February, a

THE DELAWARE VALLEY EARTH SCIENCE SOCIETY, INC.

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person loses all rights and privileges of membership, and such person must be dropped from the Membership Roll.

3. The amount of dues payable shall be determined by and set forth in the By-Laws of this Society.

SECTION 7: RIGHTS AND PRIVILEGES.

1. Members of this Society receive a membership card upon acceptance of membership and each year upon renewal of dues.

2. Members of this Society are entitled to receive copies of all Society publications and to participate in all field trips and other outings of this Society.

3. New Members of this Society shall receive copies of the Law of this Society.

SECTION 8: VOTING RIGHTS.

1. All Members of this Society have the right to vote wherever and whenever such right to vote is established by the Law.

2. To exercise the right to vote, a Member must be present at the meeting during which a vote is to take place. There shall be no absentee vote.

3. Junior Members of this Society are not eligible to vote.

ARTICLE EIGHT: ELECTED OFFICERS

SECTION 1: OFFICES.

The offices of this Society shall be:

1. President.
2. First Vice-President.
3. Second Vice-President.
4. Recording Secretary.
5. Corresponding Secretary.
6. Treasurer.

SECTION 2: FILLING OFFICES.

The offices of this Society shall be filled by nomination and election.

SECTION 3: NOMINATION.

The Executive Board shall prepare a slate of candidates for office at its October Executive Board meeting. This slate is presented to the Membership at the regular meeting in November, at which time any Member who is eligible for office may make additional nominations. Nominations are closed by motion and vote by the Membership.

SECTION 4: ELECTION.

1. The election of Officers takes place at the regular December meeting. The President appoints a person who is not a candidate for office to act as the Conductor of the election.

2. A separate election is held for each office.

3. If only one candidate for an office, the Membership votes orally or by hand, at the discretion of the Conductor.

4. If there are two or more candidates for an office, the Membership votes by written secret ballot. The Conductor counts the ballots, assisted by another Member of his choice, who acts as Witness to the election, both of whom have the sole authority to validate the election.

5. An election succeeds and is valid only by a majority vote of the ballots cast. If no candidate receives a majority of votes from the ballots cast, another election is held immediately to choose between the two candidates obtaining the highest number of votes in the previous and unsuccessful election.

SECTION 5: ELIGIBILITY.

Regular Adult Members and Life Members are eligible to hold office in this Society.

SECTION 6: TERM OF OFFICE.

1. The term of office for each elected officer shall be one year, commencing January First and ending December Thirty-first of each year.

2. A Member may serve only two consecutive terms as President. Such a Member may be reelected to the presidency after having been out of that office for a period of at least one year.

3. A Member may serve only two consecutive terms as First Vice-President. Such a Member may be reelected to the first vice-presidency after having been out of that office for a period of at least one year.

SECTION 7: REMOVAL FROM OFFICE.

1. The Executive Board shall determine for itself when and for what cause an officer shall be liable for removal from office.

2. Any officer against whom the Executive Board initiates proceedings for removal from office has the right to be present at such proceedings.

3. An officer is removed from office only by a unanimous vote of the Executive Board Members present at any Executive Board meeting.

4. Any person removed from office retains membership in this Society, unless such person either is expelled from membership in accordance with Article Seven, Section 5 of this Constitution or loses membership in accordance with Article Seven, Section 6, Subsection 2 of this Constitution.

SECTION 8: VACANCIES.

1. A vacancy in any Office occurs when the elected Officer becomes incapacitated, resigns, dies, or is removed from office.

2. A vacancy in any elective Office, except that of President, shall be filled by any eligible Member of this Society through motion and vote by the Executive Board at any Executive Board meeting.

ARTICLE NINE: DUTIES OF OFFICERS

SECTION 1: GENERAL DUTIES.

Each Officer carries out the duties and responsibilities of his office wherever they appear in the Law.

SECTION 2: THE PRESIDENT.

The President shall:

1. Preside at all Regular Membership and Executive Board meetings.

2. Be an ex-officio Member of all committees.

3. Appoint Members to the Executive Board, either as Chairpersons of permanent functions, or as Members Without Portfolio, subject to ratification by the Executive Board.

4. Appoint Chairpersons of temporary or "ad hoc" functions, subject to ratification by the Executive Board.

5. Appoint temporary substitutes to fulfill any obligation or function he shall deem necessary for the good of the Society in the temporary absence of any officer or chairperson.

SECTION 3: THE FIRST VICE-PRESIDENT.

The First Vice-President shall:

1. Preside at all Regular Membership and Executive Board meetings in the absence of the President.

2. Become President upon the incapacitation, resignation, death, or removal from office of the President.

3. Fulfill any obligation or function of the President, thus becoming Acting President, in the temporary absence of the President.

SECTION 4: THE SECOND VICE-PRESIDENT.

The Second Vice-President shall:

1. Preside at all Regular Membership and Executive Board meetings in the absence of the President and the First Vice-President.

THE DELAWARE VALLEY EARTH SCIENCE SOCIETY, INC.
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2. Act as Conductor in the election of Sages.
3. Operate all games at regular meetings, except the Door Prize, which have been approved by the Executive Board.
4. Notify the Society Membership of the cancellation of, or a change in the time and/or the place of a regular meeting, in accordance with Article IV, Section 1, Subsection 3 of this Constitution.

SECTION 5: RECORDING SECRETARY.

The Recording Secretary shall:

1. Record the minutes of all Regular Membership and Executive Board meetings.
2. Report the minutes of a previous meeting at a subsequent meeting when called upon to do so by the President.
3. Keep, maintain, and update the History of this Society.
4. Maintain the Archives of the Society.

SECTION 6: CORRESPONDING SECRETARY.

The Corresponding Secretary shall:

1. Handle all regular Society correspondence, except for the provision made in Article Eleven, Section 8, Subsection 5 of this Constitution.
2. Be responsible for the maintenance, updating, and communication of all documents relevant to the Corporation of this Society and the State of New Jersey, as required by the State of New Jersey and/or established in Article Two, Section 4, Subsection 1 of this Constitution.

SECTION 7: TREASURER.

The Treasurer shall:

1. Receive all dues and moneys payable to the Society.
2. Deposit all moneys received into the proper accounts held by this Society.
3. Pay all bills of the Society, subject to the approval of the Executive Board.
4. Pay all fees and other moneys due to the State of New Jersey as such fees and moneys relate to the Corporation of this Society, as required by the State of New Jersey and/or established in Article Two, Section 4, Subsection 2 of this Constitution, and shall coordinate this work with the Corresponding Secretary as necessary, in accordance with Article Nine, Section 6, Subsection 2 of this Constitution.
5. Sign all checks and other monetary drafts in the name of this Society.
6. Maintain the financial accounts of the Society.
7. Maintain a record of the Society's income and disbursements.
8. Make a financial report at each Executive Board meeting.
9. Prepare an annual financial report of the Society, which shall be due by the Executive Board meeting in January of each year. This responsibility belongs to the Treasurer holding office during the time period to be covered in the report.

SECTION 8: SIGNATURES.

The signatures of the President and the Recording Secretary shall be required on all written contracts, official documents, and obligations of this Society, except in specific instances where other provisions have been established and set forth in the Law.

ARTICLE TEN: THE EXECUTIVE BOARD

SECTION 1: MEMBERS.

The following persons shall be Members of the Executive Board:

1. The elected Officers of this Society.
2. The appointed Chairpersons of all permanent functions.
3. Persons appointed to the Executive Board as Members Without Portfolio.

SECTION 2: EX-OFFICIO MEMBERS.

The following persons shall be Ex-Officio Members of the Executive Board:

1. For a period of one year, any person retiring from elective office in this Society.
2. The Registered Agent of this Society, as established in Article Two, Section 5 of this Constitution.
3. Sages.

SECTION 3: MEMBERS WITHOUT PORTFOLIO.

1. Persons who are not Members of the Executive Board may be approached by the President to serve on the Executive Board because they demonstrate talents and abilities, which can be of useful service to this Society.
2. Such persons may receive appointment to the Executive Board as Members Without Portfolio according to the provision made in Article Nine, Section 2, Subsection 3 of this Constitution.

SECTION 4: SAGES.

1. A person who has advanced knowledge of any of the arts and sciences relating to the "Earth Sciences", and who has been a Member of this Society for a total period of not less than ten years, and who holds neither an office nor any chair which would make him a Member of the Executive Board, but who is willing to sit on the Executive Board as an Ex-Officio Member, may be chosen as a Sage.
2. This Society may have any number of Sages.
3. Any Member of this Society may recommend a person for the position of Sage.
4. The Executive Board alone may nominate and elect a Sage.
5. Sages are nominated at any Executive Board meeting by motion. After the nominating motion has been seconded, the Candidate for the position of Sage, if present, must leave the meeting until after a final disposition on the motion has been reached. A discussion may follow the motion.
6. The Second Vice-President acts as Conductor for the election of Sages. The election takes place immediately following the discussion. Votes are cast by any form of secret ballot. The election of a Sage succeeds and is valid only by a unanimous vote of the ballots cast. After opening the ballots in the presence of the Executive Board, the Second Vice-President alone certifies and validates the election.
7. Persons elected to the position of Sage hold that position for life. Like Life Members and Honorary Members, Sages are exempt from the payment of Dues to this Society but shall, nonetheless, enjoy all the Rights and Privileges of membership in this Society.
8. Those elected to the position of Sage shall have received the highest mark of acknowledgement, honor, and respect, which can be bestowed by this Society.

SECTION 5: INFORMATION ABOUT ACTIVITIES.

In addition to exercising its power and authority as defined throughout the Constitution and the Code of By-Laws of this Society, and specifically in Article Six, Section 4 of this Constitution, the Executive Board shall have the responsibility of informing the Members of this Society about its activities.

ARTICLE ELEVEN: FUNCTIONS

SECTION 1: PERMANENT FUNCTIONS.

The following shall be the permanent functions of this Society:

1. Door Prize.
2. Field Trips.
3. Library.
4. Membership Secretariat.
5. News Bulletin.
6. Prize Table.
7. Programs.

SECTION 2: CHAIRPERSONS.

1. Permanent functions shall be fulfilled through their Chairpersons, who are appointed in accordance with Article Nine, Section 3 of this Constitution.

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2. Chairpersons have no fixed term or tenure; they serve in their positions at the discretion and pleasure of the President and the Executive Board, who may appoint new chairperson at any time.

SECTION 3: COMMITTEES.

The Executive Board may appoint, directly or through the Chairpersons, Members to committees, which will assist Chairpersons in carrying out their functions.

SECTION 4: DOOR PRIZE.

The Door Prize Chairperson shall:

1. Obtain a door prize to be awarded at each regular meeting.
2. Purchase items for door prizes, subject to the approval of the Executive Board.
3. Distribute tickets for the prize to each Member and Guest present at the regular meeting.
4. Designate a person to draw a ticket, determining the winner of the door prize.

SECTION 5: FIELD TRIPS.

The Field Trips Chairperson shall:

1. Decide the date, time, and location of field trips, subject to final approval by the Executive Board.
2. Obtain information about and directions to the field trip site for dissemination to the Regular Membership.
3. Inform the Membership about what costs and equipment are necessary for each field trip.
4. Secure and confirm all permissions and reservations necessary for entrance to and collecting at a particular site.

SECTION 6: LIBRARY.

The Librarian shall:

1. Receive donations of books in the name of this Society.
2. Purchase books for the Library, subject to the approval of the Executive Board.
3. Maintain a catalog of all books in the Library.
4. Provide an updated list of all books in the Library to the Executive Board in January and September of each year.
5. Make available the books in the Library to the Membership of this Society.
6. Record the names of borrowers and the books they borrow.
7. Report promptly to the Executive Board the names of borrowers who have not returned books, and/or the names of books, which are damaged, or missing.

SECTION 7: MEMBERSHIP SECRETARIAT.

The Membership Secretary shall:

1. Register all new Members of this Society and collect their dues.
2. Renew the registrations of all Members of this Society and collect their dues.
3. Forward all dues collected to the Treasurer.
4. Ascertain the completeness of all applications for membership, whether they be for new or renewed membership.
5. Distribute membership cards to Members who have fulfilled all requirements for membership, in accordance with Article Seven, Section 7, Subsection 1 of this Constitution.
6. Distribute copies of the Law of this Society in accordance with the provision made in Article Seven, Section 7, Subsection 3 of this Constitution.
7. Keep on file all applications for membership.
8. Maintain a current roll of Members, denoting those who are Life Members, Honorary Members, and/or Sages, including their names, addresses, and telephone numbers.
9. Advise the Executive Board of any changes in the Membership of this

Society at each Executive Board Meeting.

10. Inform the Executive Board of Members in arrears of dues at the January Executive Board Meeting.

11. Inform the Executive Board of Members who must be dropped from the Membership Roll for non-payment of dues at the February Executive Board Meeting.

SECTION 8: NEWS BULLETIN.

The News Bulletin Chairperson shall be styled the "News Bulletin Editor" and "Editor and Publisher" of all documents and other items of this Society issued for publication, and shall:

1. Be responsible for all matters pertaining to the planning, writing, illustrating, and production of the publications of this Society, specifically the News Bulletin.
2. Have sole discretion concerning editorial policy, subject to the approval and final direction of the Executive Board.
3. Determine the format and content of all documents for publication, subject to the final approval and direction of the Executive Board.
4. Obtain the approval of the Executive Board to purchase all items and materials necessary for the publication of the News Bulletin and other documents of this Society.
5. Conduct all correspondence and business necessarily related to the publications of this Society.
6. Submit the required information necessary for the listing of this Society in the **Lapidary Journal** Magazine, (which, currently, must have this information by 1 January of each year).
7. Distribute copies of all Society publications to the Membership of this Society.

SECTION 9: PRIZE TABLE.

The Prize Table Chairperson shall:

1. Have sole discretion concerning the content of items for the Prize Table, subject to the approval of the Executive Board.
2. Receive donations of items for the Prize Table.
3. Purchase items for the Prize Table, subject to the approval of the Executive Board.
4. Determine the method and manner through which chances for the Prize Table may be purchased.
5. Decide the cost of Prize Table chances, subject to the approval of the Executive Board.
6. Determine the method and manner through which items on the Prize Table may be won.
7. Forward all moneys received for Prize Table chances to the Treasurer.

SECTION 10: PROGRAMS.

The Program Chairperson shall:

1. Have sole discretion to arrange for, plan, and schedule all speakers, films, presentations, and activities for regular meetings.
2. Submit any and all program costs for approval by the Executive Board before such program speakers, films, presentations, and activities may receive final scheduling.
3. Report all program arrangements to the Executive Board.

SECTION 11: TEMPORARY OR "AD HOC" FUNCTIONS.

1. Temporary functions are those functions lasting less than six months in duration.
2. "Ad Hoc" functions are those functions occurring only once or once every so often.
3. Chairpersons shall be appointed to temporary or "ad hoc" functions in accordance with Article Nine, Section 4 of this Constitution.
4. The Executive Board may appoint, directly or through the Chairpersons, Members to committees, which will assist Chairpersons in carrying out their functions.

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SECTION 12: SPECIFIC "AD HOC" FUNCTIONS.

1. The specific "ad hoc" functions of this Society shall be the Annual Banquet and the Annual Picnic.
2. The Executive Board shall define the duties and responsibilities of the Annual Banquet Chairperson and the Annual Picnic Chairperson.

ARTICLE TWELVE: MONEYS AND PROPERTY

SECTION 1: FISCAL YEAR.

The fiscal year of this Society extends from 1 January to 31 December.

SECTION 2: OWNERSHIP.

All moneys and property belonging to this Society shall remain the property of this Society if and when new groups or divisions are formed.

SECTION 3: FINAL DISBURSEMENT.

- 1.If and when this Society is terminated, all moneys and property shall be disbursed to non-profit or charitable organizations.
- 2.Final disbursement shall be determined by a majority vote of this Society's final remaining Executive Board and Regular Members.

ARTICLE THIRTEEN: ARCHIVES

SECTION 1: COMPOSITION.

This Society shall keep and maintain Archives, consisting of all records pertaining to this Society.

SECTION 2: SPECIFIC RECORDS.

The Archives of this Society shall contain at least the following:

1. The original documents of the Law of this Society complete with all original documents of amendments.
2. Annual lists of the Society Membership, dated in March of each year.
3. Lists of all Presidents of this Society and the dates of their tenure.
4. Lists of all other Officers of this Society and the dates of their tenure.
5. The minutes of all regular and Executive Board meetings.
6. Copies of all publications of this Society.
7. Memorabilia of all special functions and events of this Society.
8. All Corporate and other legal documents of or pertaining to this Society.

SECTION 3: MAINTENANCE.

The Archives of this Society shall be maintained by the Recording Secretary, as provided by Article Nine, Section 5, Subsection 4 of this Constitution.

SECTION 4: STORAGE AND ACCESS.

1. The location and storage of the Archives of this Society shall be determined by the Executive Board.
2. The Executive Board shall have sole discretion in granting access to the Archives of this Society.

ARTICLE FOURTEEN: AMENDMENTS

SECTION 1: PROPOSALS.

Amendments to this Constitution may be proposed by any Member of this Society to the Executive Board.

SECTION 2: PREPARATION.

Proposed amendments to this Constitution shall be prepared by the Executive Board, which shall submit them in writing to the Membership of this Society, together with its recommendation, at least Thirty days in advance of the regular meeting scheduled for an amendment vote.

SECTION 3: ADOPTION.

1. Following a discussion of the proposed amendment, the President orders a vote. The vote may be taken orally or by show of hands.
2. If, in the recommendation of the Executive Board, it has received the approval of the Executive Board, a simple majority vote of the Members present suffices to adopt the proposed amendment.
3. If, in the recommendation of the Executive Board, it has not received the approval of the Executive Board, a two-thirds majority vote of the Members present shall be required to adopt the proposed amendment.

SECTION 4: RECORD.

- 1.Adopted amendments to this Constitution must be titled by Amendment Number, Subject, and Date of Adoption, followed by their Sections and Subsections.
- 2.Original documents of adopted amendments shall be attached to the original Constitution document.
- 3.Copies of adopted amendments shall be distributed to the Members of this Society.

ARTICLE FIFTEEN: RATIFICATION

SECTION 1: CONSIDERATION.

The Executive Board has commissioned the writing of this document. When the Executive Board shall have reached accord in the draft of this document, printed copies of this draft shall be provided to all Members of this Society for their consideration.

SECTION 2. DISCUSSION.

1. After the distribution of draft copies of this document, a discussion by the Membership of this Society shall be conducted by those commissioned to write this document.
2. Additions, deletions, corrections, and other changes to the draft shall be proposed by motion and vote of the Membership present. Changes carried by motions shall be marked by each Member in his copy of the draft.
3. After the consideration of all changes, a final draft of this document is prepared.

SECTION 3. RATIFICATION VOTE.

1. A ratification vote by the Membership of this Society is held at the Regular Meeting at least one month after the discussion of the draft of this document.
2. Those commissioned to write this document conduct the vote.
3. If a motion is carried that the final draft should be read, the final draft is read.
4. A simple majority vote of the Membership of this Society ratifies this document.

SECTION 4. SIGNING.

Following the ratification of the final draft of this document as the Constitution of The Delaware Valley Earth Science Society, Inc., all those Members present and voting for its ratification shall sign their full names to the end of this document.

SECTION 5. EFFECT AND AFFECT.

1. This document takes effect immediately upon its ratification.
 2. Questions concerning how this document affects anyone or anything currently operating in any capacity or for any purpose upon its ratification shall be settled by the Executive Board.
- Ratified at a regular meeting of the Delaware Valley Earth Science Society, Inc., in Woodbury, New Jersey, on the Twelfth day of November, Nineteen Hundred and Eighty-six.

Upcoming Area Show

Delaware Mineralogical Society, Inc.
40th Annual Earth Science Gem and Mineral Show

<http://www.delminsociety.org>

Saturday, March 1, 2003 - 10 A.M. to 6 P.M.

Sunday, March 2, 2003 - 11 A.M. to 5 P.M.

Waterfall Banquet and Conference Center (formerly Brandywine Terrace); 3416 Philadelphia Pike; Claymont, DE

To foster interest in geology, mineralogy, paleontology and the lapidary arts

Tickets available at the door; Adults \$4.00, Seniors \$3.00, Juniors \$2.50 (12-16), and children under 12 free with paying adult

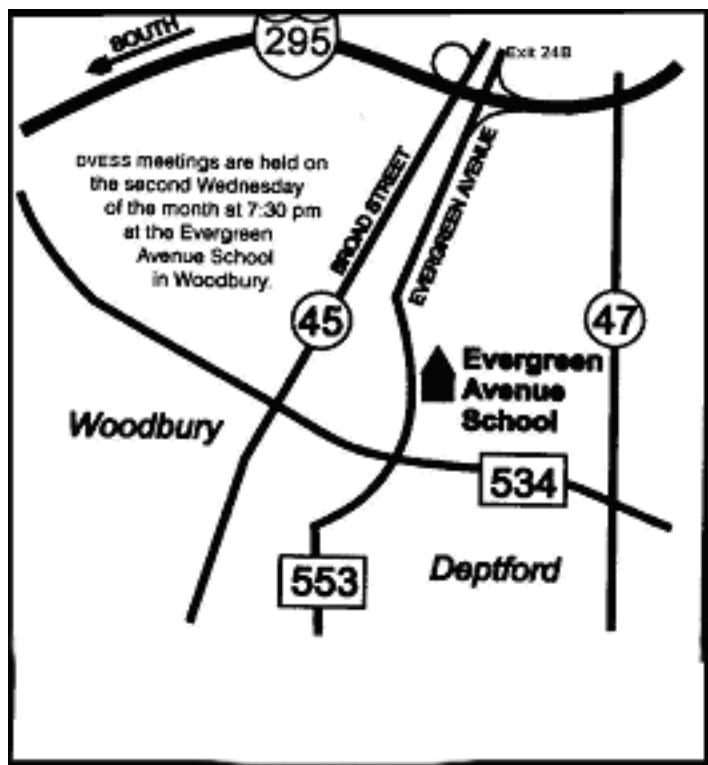
Show Features include: Interesting and educational exhibits of mineral, lapidary and fossil specimens, Displays from regional and university museums, Outstanding dealers of minerals, fossils, gems, jewelry and lapidary supplies, Hourly door prizes and large specimen raffle, Lapidary demonstrations, Microscopes for viewing mineral specimens, Children's booth where youngsters may purchase inexpensive minerals, fossils and grab bags.

For further information, contact: Gene Hartstein, (302) 234-4488 ([E-Mail- fossilnut@aol.com](mailto:fossilnut@aol.com)) (Publicity Chair) or Keith Robertson (302) 838-6989 ([E-Mail- hemipristis@aol.com](mailto:hempistis@aol.com)) (President) or Alex Kane (610) 274-8228 ([E-Mail- Aandmkane@aol.com](mailto:Aandmkane@aol.com)) (Show Chair)

Directions to Show:

>From Philadelphia and Northeast: Take the I-95 SOUTH to I-495 SOUTH. Take the US-13/PHILA. PIKE exit South towards CLAYMONT. Keep RIGHT at the fork in the ramp. Merge onto PHILADELPHIA PIKE/US-13. South. Stay straight on PHILADELPHIA PIKE/US-13 South. The location is on the west side (right) of the road less than 1-mile from the I-495 Exit.

>From Baltimore and South: Take I-95 NORTH to Harvey Road exit. Bear right at exit and proceed to T in road. Turn Left at T onto US 13 North and proceed approximately 1 mile. The location is on the left side of the road.



This Month's Meeting: Wednesday, January 8th 2002

7:30 PM at the Evergreen Avenue School

*A surprise mystery program to
start off the New Year!*

*Guaranteed to be entertaining
and informative!*

Don't miss it!

DVESScapades

*The Newsletter of the
Delaware Valley Earth Science Society*

PO Box 372

Maple Shade, New Jersey 08052



Birthstone: Garnet