# **DVESS**CAPADES

Newsletter of the Delaware Valley Earth Science Society – DVESS

Year 48, Volume #1 January 2005

Meeting Place: Evergreen Avenue School Woodbury, New Jersey

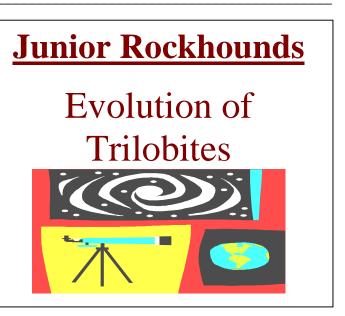
Meeting Time: 7:30 PM, 2nd Wednesday of month

Meeting Date: January 12, 2005



# <u>Main Program</u>

Bob Summerfield Meteorites, part 2, Search for Life in the Universe.



\*\*\*Special Issue Featuring\*\*\* >>>>> The DVESS Constitution <<<<< Field Trip to the Delaware County Institute of Science, Media, PA - Saturday January 15, 2005 Field Trip to the American Museum of Natural History, New York City – Saturday February 19, 2005



American Federation of Mineralogical Societies



Eastern Federation of Mineralogical & Lapidary Societies



Special Congress Representing Involved Bulletin Editors

# **DVESS**CAPADES

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.

#### <u>MEMBERSHIP</u>

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:

#### <u>Regular Membership</u>

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

| Level     | 1 <sup>st</sup> Member | + | Additional Members | = | <b>Receive</b>       |
|-----------|------------------------|---|--------------------|---|----------------------|
| "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 DVESS capades contact the Newsletter Editor.

DVESS 2005 SPONSORS

Privilege to enter the school is limited to the

night of the meeting between the hours of

Permission from the school staff is required

7PM & 10PM under the direction of the

to enter the school at any other time.

DVESS 2005 Officers & Positions

President Special Events Coordinator Ann Lynne Benson (856) 783-0969 SeleniteQueen@comcast.net

<u>1<sup>st</sup> Vice President</u> <u>Jr. Rockhound Coordinator</u> <u>Field Trip Coordinator</u> *Gerald Feigin* <u>gfeigin@co.gloucester.nj.us</u>

> <u>2<sup>nd</sup> Vice President</u> Lou Detofsky

### <u>Treasurer</u>

Program Chairperson Gary Weinstein (856) 234-0708 – Home (856) 795-5077 – Work garyskyrock@comcast.net

#### Website Coordinator Terry Wilson (609) 714-1309

#### **Recording Secretary**

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

## Corresponding Secretary

Open

<u>Sage</u> Len Morgan George Petreshock

#### **Newsletter Editor**

Chuck O'Loughlin ac.oloughlin@att.net (856) 663-1383

Membership Chair Librarian Stu Cleveland cleveland@rowan.edu

Evergreen Avenue School

160 N. Evergreen Ave.

Woodbury, N.J. 08096

school staff.

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.

The name of this organization shall be,
"The Delaware Valley Earth Science Society, Inc."
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 '<sup>1</sup>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.

#### 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<sub>1</sub> 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 '<sup>1</sup>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 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 vicepresidency 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 carriers 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.

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:

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

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.

SECTION 12: SPECIFIC "AD HOC" FUNCTIONS.

The specific "ad hoc" functions of this Society shall be the Annual Banquet and the Annual Picnic.
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.

If and when this Society is terminated, all moneys and property shall be disbursed to non-profit or charitable organizations.
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.

# President's Message by Ann Benson

Thank you once again for the honor of electing me President of this wonderful organization. In my 21<sup>st</sup> year of membership, it is both gratifying and a thrill to have been chosen for this challenging position.

It is a privilege and a pleasure to share common goals with, and be supported by, an Executive Board of willing and dedicated people from all walks of life. I have held leadership positions in other organizations, but I can honestly say that I have <u>never</u> been associated with men and women who agree as readily, or work out their differences as cordially, as DVESS.

With the greatest pleasure I bid a warm welcome our new members, and welcome back our faithful members who are renewing their memberships by paying dues this month. You should find your membership card attached and our Constitution and By-Laws incorporated into, this issue of the newsletter.

One has only to look to see the enthusiasm and excitement which permeates DVESS from the oldest member (our Sage, Len Morgan, who rarely misses any meeting or show) down to the youngest of our Junior Rockhounds (who received GOLD specimens as Holiday gifts from the club!). We are eager to serve one and all, and look forward to long and fruitful years of association. We are always pleased to receive your questions, suggestions and comments.

In the Dec. 2004 – Jan. 2005 issue of the American Federation of Mineralogical Societies News, Bill Smith – AFMS President – asks if our club is "sharing with the public? This is a great way to get new members and let the community know about our great hobby." We hope you will help us carry out Bill's challenge by announcing our Feb. 19 bus trip to your co-workers, neighbors, family and friends. Also, plans are still under way for our Science Fair to celebrate our Golden anniversary two years hence.

Again, let me wish everyone happy holidays.

(I sent the following letter to Cathy Gaber, EFMLS *Club Rockhound of the Year* chairperson) Dear Cathy,

I would like to recognize Lorraine Campbell, the co-founder of our Junior Rockhounds program and our first Junior Rockhounds teacher, and nominate her for Club Rockhound of the Year.

Lorraine came up with an innovative program including providing a box for each child to keep their specimens in, some simple tools and a notebook in which they could keep their lessons. At each of our 10 monthly meetings per year, Lorraine would provide a mineral or fossil specimen for each child, a handout explaining it, and an activity for them involving the specimen. All specimens were donated either by club members or by Lorraine herself. Lorraine proved herself to be a wonderful teacher, preparing each lesson with care. She was warm and encouraging and her smile lit the room.

Since its inception, our club has provided all materials to the children without cost or requirement of membership. In addition, the club provides a gift for each child at our December holiday party (the 2004 gift was a small specimen of gold).

Still an active member, Lorraine moved from South Jersey to Tennessee about a year ago, leaving myself and our Field Trip Chairman to conduct the Juniors' classes. This new responsibility has opened my eyes to what a

# President's Message (continued)

responsibility and effort the preparation and teaching are! Her move to Tennessee has not prevented Lorraine from making a great deal of both meetings and Executive Board meetings – an 18 hour drive from her home.

This is my 21<sup>st</sup> year with DVESS and I can honestly say that Lorraine stands out of all Rockhounds I have met for her thoughtfulness, dedication and ability to inspire.

Yours,

Ann Benson, President DVESS

## December 8, 2004 General Meeting Minutes by Grant Elliott, Acting Recording Secretary

Ann Benson, President called the meeting to order at 7:57 PM. Present were Ann, Stu Cleveland-Membership/Librarian, Chuck O'Loughlin- Newsletter Editor, Grant Elliott- Recording Secretary, Lou Detofsky- 2<sup>nd</sup> VP, Gerald Feigin- 1<sup>st</sup> VP/Field Trips, Terry Wilson- Website Coordinator, Len Morgan- Sage, and Gary Weinstein- Treasurer/Programs.

Stu made the motion and Lou seconded to accept the minutes of the last meeting.

Ann discussed the bus trip to the AMNH New York City on Saturday 2/19/05.

Executive Board meeting will be at Mrs. Bewley's house (Lorraine Campbell hosting) at 121 Old Dutch Mill Road, Malaga, NJ- Phone number 856/694-2365.

Nominations/Elections were held and all officers and position people retain their respective positions.

The gift exchange was held and the hat was passed for the school custodian.

Everyone then left for good food and conviviality at the Hollywood Diner.

# **Club News**

2005 Election News by Thaddeus Butterstone

The December meeting featured a hotly contested election. The Fossilites nominated a full slate of candates and with a strong get out the vote campaign appeared to be on their way to a landslide victory. The Mineralcrats were able to muster a few of their adherents for the voting, but were easily distracted by garnet specimens that Rob Trail had brought to the meeting and appear to have not even been aware that the election was taking place. The Geologicans teaming up with the Lunatics insisting that an earth science society needed diverse representation reflecting the various interests of the membership and were successful in shaming the Fossilites into giving up the positions of 2<sup>nd</sup> VP and Treasurer. The Flat Earth Society, despite early success in the pre-election polls failed to nominate a single candidate for office. In a post election phone interview with the leader of the Flat Earth Society, this reported was informed that a prominent member of the Lunatic faction had warned the Flats that the moon's gravitational pull that night would suck them off the face of the earth if they ventured out. The Flats ever fearful of falling off the edge and not exactly sure what gravity is, decided to forego participation in this year's election.

## **2005 Election News (continued)**

Despite the Flats woeful tale, allegations of polling irregularities and questions regarding the legitimacy of votes cast by junior members, Sage Len Morgan declared the elections valid and announced the following officers for 2005; Ann Benson - President, Gerald Feigin -1<sup>st</sup> VP, Lou Detofsky - 2<sup>nd</sup> VP, Gary Weinstein – Treasurer, Stu Cleveland – Membership. The Sage peered into the smokey quartz crystal and decreed the Grant Elliot would have to continue as Acting Recording Secretary until another volunteer could be press ganged into service. May Mother Earth have mercy on us!!!

On a more serious note, special thanks to the 2004 officers and other volunteers whose efforts and energy make this organization possible. Additional thanks to those same individuals who have stepped up once again to fill those very same positions for 2005. **Your efforts are appreciated**.

## Junior Rockhound by Gerald Feigin

Three juniors attended the December meeting and received a gold specimen and a mineral specimen as their holiday gifts. All successfully identified their gifts and thus were allowed to keep them for their collections.

For January, the juniors will be studying the evolution of trilobites. It should be a fun and informative program and I hope to see all of the club's juniors in attendance.

# **Upcoming Field Trips**

# The Delaware County Institute of Science, 11 Veterans Square, Media, PA – Saturday, January 15, 2005 by Chuck O'Loughlin

The museum exhibits mounted birds and animals, a herbarium of Delaware County plants; fossils, shells, corals and minerals from around the world; a microscope collection; and miscellaneous other collections. The building housing the collection is in itself an architectural treat. The Club is scheduled to tour the museum at 10 am. The Museum is located at 11 Veterans Square, Media, PA (610-566-5126). There is plenty of parking on the street in front of the museum (no coins needed in meters on Saturday).

Directions – Take I–95 south to I-476 (Blue Route). Follow I-476 to exit 3 (Media/Swarthmore). Turn left on to East Baltimore Pike and continue for about one and one half miles, East Baltimore Pike turns into West Baltimore Pike. Turn right on to Veterans Square, 11 Veterans Square is on the right.

If you need a ride or can offer space in your car, please give me a call at 856-663-1383. I will be leaving from the Evergreen Avenue School at 9:30 am or if you prefer you can meet me at the museum at 10 am

# Bus Trip to the American Museum of Natural History, New York, NY – Saturday February 19, 2005 by Ann Benson

The Club will be sponsoring a bus trip to the big apple in February. The bus will be **leaving** the Evergreen Avenue School, Woodbury, NJ at 8:00 AM and **leaving** Cadbury, Route 38, Cherry Hill, NJ at 8:30 AM. We will be dropped off at the American Museum of Natural History at approximately 10:00 AM. The bus will pick us up at the Museum at 5:00 PM for the return trip. Prices for the trip are \$15 for members, \$10 for children and \$20 for non-members. See the special full page advertisement. Tell your friends and be sure to sign up soon in order to save your seat.

# **Field Trip Report**

## Flag Pond Nature Park (Calvert Cliff) Maryland – Sat. & Sun. December 11 & 12, 2004 By Gerald Feigin

A small contingent of dedicated fossil collectors braved the weather and tides to participate in this first ever field trip to Flag Pond. Despite adverse weather conditions everyone enjoyed themselves and reported collecting success.

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There is a desperate need for a Recording Secretary. This is an executive level position just waiting for that special take charge person. Numerous perks and benefits provided (last month a turkey dinner with all the trimmings). Job requires only that you keep awake during the meetings and take notes. Minimal time required, the second and third Wednesday of each month September through June and a few minutes following each meeting to transcribe your notes. Interested candidates can expect an excellent opportunity for advancement, as the organization has an outstanding record of promoting from within. Do not miss out on this chance of a life time. No experience necessary, will train. DVESS is an equal opportunity volunteer organization.

## Web Sites of Interest

www.lonker.net - provided by Gary Weinstein

Asteroid Impact Tsunami March 16, 2880 <u>http://es.ucsc.edu/~ward/papers/gji\_final\_35N.pdf</u> - provided by Grant Elliot

## Library by Stu Cleveland, Librarian

I am still looking for the return of outstanding books and magazines on loan.

# **Calendar of Shows and Events**

January 29, 2005 - 37<sup>th</sup> Annual Rutgers University Geology Museum Open House, 9:00 AM till 4:00 PM, Scott Hall, 43 College Avenue, New Brunswick, NJ. Organized by the Friends of Rutgers Geology Museum, the program will feature lectures by Dr. Dennis Stanford, United States National Museum Smithsonian Institution, Department of Anthropology, on "A Radical New View of Prehistory: Who were the first humans to Populate North America?" and by Dr. Michael Carr, Rutgers University, Department of Geologic Sciences, on "Volcanism in Central America: Volcanoes, Sediments and Subduction". The open house also features rock and mineral identification and mineral sales. Additional information can be obtained by visiting the Museum's website <u>www.geology.rutgers.edu/museum.html</u> or by e-mail to <u>rwselden@rci.rutgers.edu</u> or by phoning the Museum at 732-932-7243

# Calendar of Shows and Events (continued)

March 5 & 6, 2005 - 42<sup>nd</sup> Annual Earth Science Gem and Mineral Show sponsored by the Delaware Mineralogical Society, Delaware Technical and Community College, I-95 exit 4B, Churchmans Road (Route 58) Newark (Stanton), DE.

March 12 & 13, 2005 - 16<sup>th</sup> Annual Clifton Gem and Mineral Show sponsored by the North Jersey Mineralogical Society, Pope John Paul II Elementary School, 775 Valley Road, Clifton, NJ

March 18 – 20, 2005 - 36<sup>th</sup> Annual Che-Hanna Rock and Mineral Show and the 55<sup>th</sup> EFMLS Convention and Show, Athens Township Fire Hall, Sayre, PA.

## Membership by Stu Cleveland, Membership

It is time to renew your membership for 2005 in the Delaware Valley Earth Science Society. DVESS is a nonprofit organization for people of all ages who share an interest in fossils, minerals, lapidary, geology and the earth sciences. Monthly meetings are held on the second Wednesday of each month, September through June. Meetings start at 7:30 PM with socializing and a Junior Rockhound lesson, followed by the general meeting at 8:00 PM. There is typically a program at each monthly meeting which often features presentations by authors, geologist, world travelers or experts in fields of interest to our membership. Door prizes are awarded at each meeting.

Additional membership benefits include: Access to the Club's library. Electronic or postal delivery of the monthly newsletter DVESS capades. Field trips to museums, quarries and other fossil and mineral collecting sites including the world renowned Trotter dump in Franklin, NJ. Plus members enjoy many opportunities to meet and socialize at the Club's annual fall banquet, the December holiday party and the spring picnic.

**Basic Membership:** For a donation of \$15 individuals are entitled to membership in DVESS and able to participate in all club functions and all Eastern Federation of Mineralogical and Lapidary Societies (EFMLS) functions.

**Senior Membership:** For a donation of \$10 seniors are entitled to all of the privileges of Basic Membership. **Additional Members:** For a donation of \$5 for each additional member of the same household as the primary member, additional members are entitled to all of the privileges of Basic Membership.

## **Sponsor's Membership**

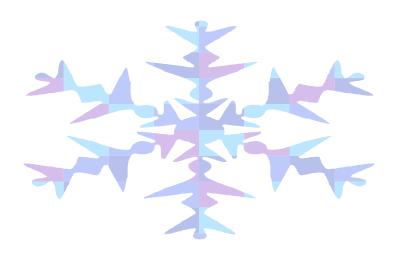
Silver Membership: For a donation of \$50 individual are entitled to all of the privileges of the Basic Membership, as well as a special membership card and a specially selected geode specimen. Gold Membership: For a donation of \$75 individuals are entitled to all of the privileges of Basic Membership, as well as a special membership card and a specially selected native gold specimen.

**Platinum Membership:** For a donation of \$100 individuals are entitled to all of the privileges of Basic Membership, as well as a special membership card and a specially selected premium specimen.

# Membership Application

| <u>Membership Type</u>  | <u>Number</u> | <b>Donation</b> | <u>Total</u> |
|-------------------------|---------------|-----------------|--------------|
| <b>Basic Membership</b> |               | \$15.00         |              |
| Senior Membership (65+) |               | \$10.00         |              |
| Additional Members      |               | \$5.00 each     |              |
| Silver Membership       |               | \$50.00         |              |
| Gold Membership         |               | \$75.00         |              |
| Platinum Membership     |               | \$100.00        |              |
| Total                   |               |                 |              |
| Name:                   |               |                 |              |
| Name:                   |               |                 |              |
| Child:                  |               |                 | Age:         |
| Child:                  |               |                 | Age:         |
| Address:                |               |                 |              |
| City:                   |               |                 |              |
| State:                  | 2             | Zip Code:       |              |
| Phone:                  |               |                 |              |
| F-Mail:                 |               |                 |              |

Return the completed application at the meeting or by mail to DVESS, PO Box 372, Maple Shade, NJ 08052. Please make your check payable to DVESS. Thank you for your continuing support.



# **BUS TRIP**

## to

# **NEW YORK CITY**

# Saturday, February 19, 2005

Pick up points:

# Leaving Evergreen Ave. School, Woodbury, NJ at 8:00 am Leaving Cadbury (on Rt. 38 near Cherry Hill Mall) at 8:30 am

Drop off point:

American Museum of Natural History New York City

Leaving New York at 5:00 pm

PRICES:

\$20 (non-members)

WWWWWWWWWWWWWWWWWWWWWWWWWWW

\$15 (members)

\$10 (children)

Sponsored by:

# **DELAWARE VALLEY EARTH SCIENCE SOCIETY**

Celebrating 50 years of service to the community

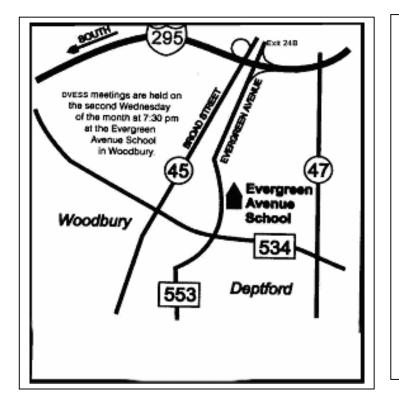
Make check payable to DVESS, P.O. Box 372, Maple Shade, NJ 08052

The Newsletter of the Delaware Valley Earth Science Society PO Box 372 Maple Shade, New Jersey 08052



# **DVESS**capades

# January 2005



# This Month's Meeting:

January 12, 2005

# Main Program

Bob Summerfield Meteorites, part 2, Search for Life in the Universe.

# Junior Rockhounds

**Evolution of Trilobites**