



eeac

NEWSLETTER

Spring-Summer 1987

On May 17, 1987, EEAC Chairman John C. Muir presented a talk "Parks as Classroom: The Not-For-Profit Experience" at the Urban Natural Resources Symposium, sponsored by the NYC Dept. of Parks at the Museum of Natural History. He emphasized the environmental education role of not-for-profit organizations in NYC parks, using the examples of: Alley Pond Environmental Center (Queens), High Rock Conservation Center (S.I.), Inwood-Heights Parks Alliance (Manhattan), Wave Hill (Bronx), Prospect Park Environmental Center (Brooklyn). Reprinted below are his concluding remarks.

BRAVE LITTLE ENVIRONMENTAL NOT-FOR-PROFITS: SAVING THE CITY? by John C. Muir

Is all this not-for-profit activity in environmental education making an impact in New York? Does it have value? Certainly by measurable criteria the answer is YES. The direct dollar value of the programs of just the five organizations I've discussed today is in the millions, largely paid with dollars raised outside the city budget. These five organizations alone annually record over 100,000 pupil-visits in instructed programs, plus large numbers of adults, and it is nearly impossible for a child to pass through 12 years in New York City schools without being touched by one of them.

It is the indirect value of the EE not-for-profits that is enormously higher, and possibly incalculable. The environmental facts, concepts, and values that we sow in young minds will continue to yield fruit. I propose a scientific study. I propose that one day a smart econometric researcher calculate the dollars saved by the city in, for example, reduced park maintenance and rehabilitation or reduced anti-littering and anti-graffiti costs, because of stewardship and pride we teach. Or the dollar value of the landmarks saved, because of the preservation attitudes we teach. Or the cost of pollutants not generated, or resources not squandered or despoiled, because of the attitudes of conservation we teach. When such a study is done, perhaps the humble not-for-profits can hold their heads higher in the halls of government. Of course sometimes we dispute environmental issues with city agencies -- but that is as it should be. In my lifetime, by the way, we've been right most of the time.

Today another mass exodus of corporate headquarters threatens the NY economy. J.C. Penney executives croon "Ah, Sweet Quality of Life, At Last I've Found You", as they decamp to Dallas and lecture the Mayor about the diminished quality of the NY environment. New York needs to pull its socks up and address this issue. Perhaps government needs to follow the lead of its brave little environmental not-for-profits, because we are working full time on environmental quality, stroking and shaping that elusive Quality of Life. We may be, just, saving the city.

SAVE THIS DATE



EEAC MEMBERSHIP DAY AT PELHAM BAY PARK

SATURDAY JUNE 13

ENVIRONMENTAL EDUCATION ADVISORY COUNCIL

A voluntary organization in support of Environmental Education for New York

EEAC NEWS:

LEGISLATIVE UPDATE

The syllabus infusion continues to go relatively well. Fourteen subject area syllabus booklets have been submitted by the State-wide EE Coalition Talent Bank writers prior to the Fall 1986 school term. Seven additional subject area syllabi, e.g. Art (K-6), Social Studies (9-10), Science and Guidance, either have been or will soon be submitted to the State Education Department. Others, e.g. General Chemistry, will be worked on in the near future. By September 1987, approximately 25 State Education subject area syllabi booklets with EE concepts infused into them, will be ready for distribution to schools throughout the State. We should remember however, that State Education staff in each curriculum/subject area are or will be reviewing all the documents this school year. The amount of EE infusion in each syllabus booklet as suggested by each of our curriculum writers has still not been totally accepted. We will be monitoring this.

We can feel some encouragement that both the Elementary Science (K-6) and the General Biology (10-12) syllabi have considerably more environmental concepts than ever before. The Ecology section has already been mandated for those who take General Biology. Both of these are now available and while our writers did not make direct contributions, EEAC's political support and the EE objectives we prepared and submitted to State Education, helped provide some of the support needed to get these two booklets into the field.

Mike Zamm
Legislative Committee

Environmental Education Advisory Council (EEAC) in cooperation with
New York City Board of Education Division of Curriculum and Instruction
is proud to present

NEW YORK:



Naturally II

EEAC's bi-annual environmental education conference will be held Sat., November 7, 1987. Mark this date on your calendar today! Registration and conference details will follow in future newsletters but your expertise is needed now. If you are interested in participating in conference planning and/or program development committees call William Nieter, St. John's University (718) 990-6161 ext. 5389 or APEC (718) 229-4000.

ENVIRONMENTAL EDUCATION ADVISORY COUNCIL

c/o Prospect Park Environmental Center
The Picnic House
Prospect Park
Brooklyn, N.Y. 11215

This newsletter is a publication of the Environmental Education Advisory Council (EEAC), a city-wide voluntary organization of educators, classroom teachers, administrators and other professionals in active support of environmental education. This newsletter is published quarterly and available free upon request.

EEAC OFFICERS

John C. Muir, Chairperson (718) 788-8500
John W. Kominski, Vice-Chairperson
Joseph M. Varon, Secretary
Mike Mann, Membership Secretary
Bernard Kirschenbaum, Treasurer

STEERING COMMITTEE*

Elaine Alberts, Alley Pond Environmental Center
Rose Blaustein, Fireboat House Environmental Center
Millard Clements, New York University
Ruth Eilenberg, Gateway Environmental Study Center
Kim Estes, Alley Pond Environmental Center
Dr. Eugene Ezersky
Carol Franken, Academy of Environmental Sciences
Fred Gerber, Queens Botanical Gardens
Peter Hearn, Inwood-Heights Parks Alliance
Sam Holmes, Gateway National Recreation Area
Sophie Johnson, Magnolia Tree Earth Center
Saundra Jones, P.S. 136M
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John W. Kominski, NYC Board of Education
Kenneth Kowald, Consolidated Edison
Mike Mann, Brooklyn Clearwater/Environmental Quest
Lenore Miller, P.S. 54S
Regina McCarthy, Community School District 6
John C. Muir, Prospect Park Environmental Center
William Nieter, St. John's University
John Padalino, Pocono Environmental Education Center
Mark Peters, New York University
Ray Pfortner, Peter Arnold, Inc.
Patti Reilly, Gateway National Recreation Area
Helen Ross Russell
Philip P. Schaeffer, Greenwich Audubon Center
Eneas Sloman, Elementary School Science Association
Joseph Varon, Leonardo DaVinci I.S.
Nancy A. Wolf, Environmental Action Coalition
Herb Yellin, American Cetacean Society
Mike Zamm, Council on the Environment of NYC
Dotty Lewandowski, NYC Urban Park Rangers

*Affiliations for identification purposes only.

Please send material (articles, drawings, letters, program information, etc.) for inclusion in the EEAC Newsletter to: Kim Estes, Editor, Alley Pond Environmental Center, 228-06 Northern Boulevard, Douglaston, NY 11363 or call (718) 229-4000.

EEAC FAMILY MEMBERSHIP DAY

Saturday, June 13, 1987

10:00 am - 4:00 pm

PELHAM BAY PARK, THE BRONX
the city's largest park
a natural paradise
2,118 acres of
salt marshes,
tidal estuaries,
forests, creeks,
lagoons, coves, inlets,
bogs, meadows
and islands

meet at
the Pelham Bay Park Environmental Center

off Orchard Beach parking lot
(fee \$3.00 per car)



Welcome

Paul Berizzi, Administrator
Pelham Bay and Van Cortlandt Parks

Learn

about management plans for Pelham's
extensive undeveloped areas

Explore

Kazimiroff Nature Trail
on Hunters Island

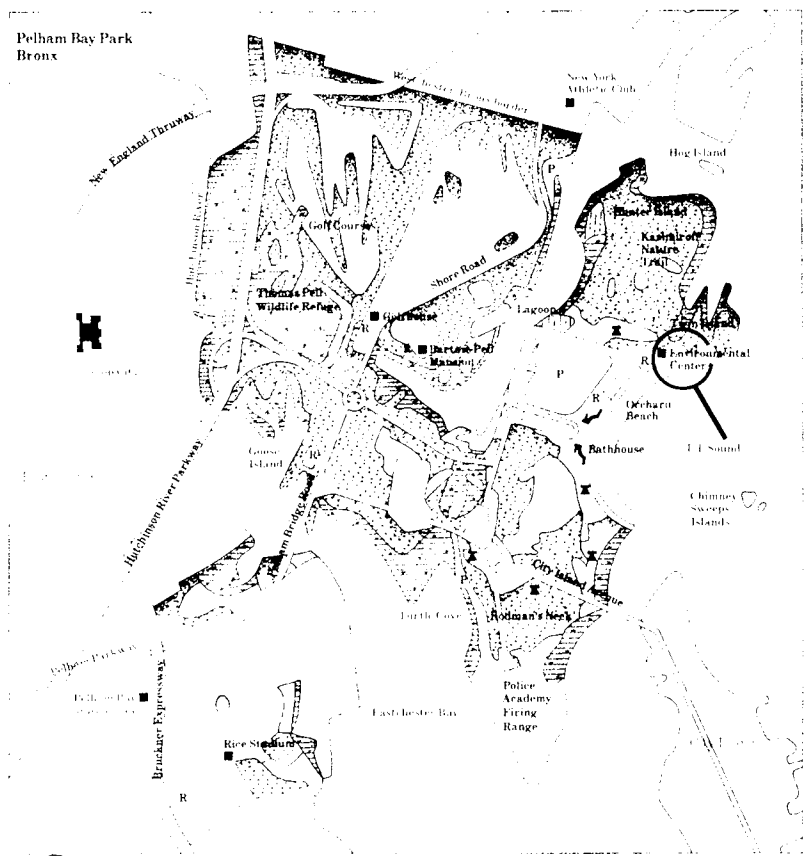
Visit

the new Environmental Center
on Twin Island

Bring your own picnic lunch and beverage

RSVP: John Kominski (718) 935-3797
Kim Estes (718) 229-4000

This map is from the publication
The Country in the City - New York's
Natural Parklands, produced by the
Natural Resources Group, NYC Dept.
of Parks and Recreation.



EEAC NEWS...

We introduce you to our new EEAC Steering Committee members.

FRED GERBER received his bachelor of arts degree in High School Biology Education from Rutgers University. Fred went on to get his masters in Botany from Rutgers, specializing in Ecology. His dissertation was on the vegetation-al changes in abandoned agricultural land.

Fred has been working at the Queens Botanical Gardens for the last 15 years. As the director of education, Fred is responsible for overseeing the programs for children and adults and the community garden. Fred is also currently working with the horticultural staff on the development of their collections.

PETER HEARN - After graduating from college, Peter began teaching english at a junior high school in Brooklyn. He then worked for New York City's Environmental Protection Administration in the offices of Community Relations and Environmental Assessment. He left New York to become director of the Housatonic Valley Association, a rural watershed conservation group. Peter then graduated from Columbia University with a Masters degree in geography and a concentration in economics. While in school, he worked for the Environmental Defense fund. After he received his degree, Peter became the Executive Director of the Inwood-Heights Parks Alliance.

SOPHIE JOHNSON - Ms. Johnson has been the Executive Director of Magnolia Tree Earth Center since 1986. She is responsible for the Center's overall administration and development. From 1976-1986, Ms. Johnson worked at The Brooklyn Museum, as Community Liaison Officer and Assistant Manager for Community Programs. She was also an evaluator for the Institute of Museum Services, the head of Cultural Arts Department at the New Muse Museum, and the Founder/Director of the Music-Arts Settlement House, Inc., Brooklyn. She is involved with the Bergen Street Block Association, Society for the Preservation of Weeksville and Bedford Stuyvesant History and the editor of Portraits-of and by the retired members of Union 1199.

SAUNDRA JONES - My twelve years as an educator is documented by my experiences, as both a teacher trainer and classroom instructor. Currently as the Science Coordinator for District 29, my responsibilities include designing and conducting workshops, assisting in classroom instruction and monitoring teacher progress. I am also a Board Member of Elementary School Science Association and most recently I presented a paper at the NSTA convention on Acquisition For Language in Early Childhood through science. In addition, I am an active member in Educators for Gateway and Alley Pond Environmental Center. I hold a BA from Queens College, a MS from C.W. Post and am currently pursuing a Professional diploma in administration.

REGINA McCARTHY - Lifelong New York City resident. Currently living in the Chelsea area of Manhattan. Grew up five blocks from the salt marshes of Marine Park (Gerritsen Creek) Graduate St. Joseph's College (BA) and Hunter College (MS). Taught elementary and junior high in NYC public schools. Spent one year sabbatical leave at Gateway Environmental Study Center nurtured by the loving support of Mrs. Ruth Eilenberg. For the past 3 years has been the science coordinator for Community School District Six in the Washington-Heights/Inwood section of Manhattan.

LENORE MILLER - has been involved in EE for close to 20 years; first, as a teacher and guide at High Rock Park and more recently as an author and lecturer. Her long experience as a nature specialist in summer camps resulted in The Nature Specialist, A Complete Guide to Program and Activities, published by American Camping Association in 1986. As director of a school site project, Lenore conducted environmental education programs at PS 54, Staten Island. A teachers' guide, Using the Outdoors to Enrich Learning was written to encourage teachers to try e.e. The book was subsequently published by the NYC Teacher Centers Consortium and distributed to many teachers. Lenore has conducted workshops for many organizations on both urban ecology and camp programs. She was a nature columnist for the S.I. Advance and has been a member of EEAC for many years.

(Continued on back page)

EEAC NEWS...

ENVIRONMENTAL EDUCATION IN JAPAN- BY ELAINE ALBERTS

An environmental center is a place for repose, renewal, reflection, education, and instruction. Most elementary students would consider themselves lucky to spend one day a year on a class trip to a park, museum or environmental center. Learning about the environment is thus disjointed and often treated as a separate "subject" rather than as an ongoing process. Children do not easily make the connection between themselves and the earth's ecosystems.

Perhaps we could take some pointers in this regard from the way environmental education is presented throughout the Tokyo, Japan public school system. In the Spring of 1986, six elementary and four junior high school science teachers from New York City were selected to participate in a teacher-exchange program with ten Tokyo teachers under the aegis of the Sony Foundation for Science Education. We visited over fifteen schools in and around the Tokyo area. Every school in this extremely crowded metropolis had a very large, completely enclosed and secure yard. The main part of this area was used for generalized physical education and had excellent and extensive playground and athletic equipment. Another area of the yard was devoted to an environmental center, complete with a variety of trees, plants, bushes and flowers. Benches were placed under and around the trees so that children could sit quietly and observe their surroundings, write poetry, or do simple experiments. In a separate section of the yard, plots of soil were reserved for individual and class projects in experimental gardening and observation of growth cycles. There were also cages and space assigned for small animals like rabbits and roosters. In fact, the sound of the rooster crowing could be heard throughout the school. Once inside the boundaries of these public schools, you could close your eyes and forget you were in the center of a teeming city. Just about every classroom had several fish tanks and many plants. Most school rooftops were designed to be used by 5th and 6th graders doing independent activities. They were equipped with fish tanks, stream tables, weather stations and many other types of scientific equipment.

More than wonderful equipment, there was an approach to the natural world as an extension of the child's own physical surroundings. Biology and observation techniques were introduced at the earliest levels of education. A Japanese child is part of nature - not at odds with it. Each grade is taken on extensive trips to neighboring parks and facilities. Camping is a recognized and regular part of every student's school life. A love, understanding and concern for the natural world is fostered at every level.

As a New York City teacher, I was very envious of the beautiful and carefully designed school facilities.



EEAC SALUTES...

John Kominski is the 1987 recipient of the Kirschenbaum Award. John was honored by Educators for Gateway for his heroic efforts, dedication and commitment to environmental education.

Congratulations to Joseph M. Varon, Eneas Sloman and Regina McCarthy for being awarded with the coveted Long Island University Presidential Awards to outstanding New York Science Educators. The award is annually given in conjunction with the Science Council of New York City and its member organizations.

Science Council of New York also honored Kenneth Kowald with a special recognition award for his continued support of science education in the schools of New York.

EEAC NEWS...

THE FIELD BAG... WHAT SHOULD YOU PACK?

By John Kominski



For many years, when I'd set off for the woods or shore to explore, enjoy and learn about the outdoors, I would shoulder an army surplus musette bag filled with field guides and nature study gadgets selected to help me prepare for any eventuality or discovery. That bag went on some wonderful adventures and eventually became tattered and threadbare. I never found an exact substitute for that old field bag, but have purchased and experimented with several other styles selected from well known outfitters as well as the ubiquitous street vendors that hawk canvas and nylon sacks of surprising variety and color. None of these comfortably holds my gear-for-the-day in as organized and instantly accessible a manner as that old olive drab wonder, which molded to the side of my body and hung securely from my shoulder. The search for the "perfect" field bag, therefore, still goes on. But, it's difficult to replace an old, loyal friend.

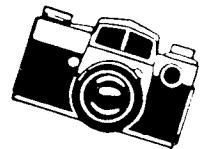
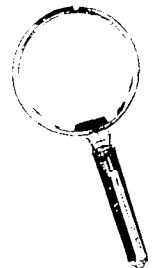
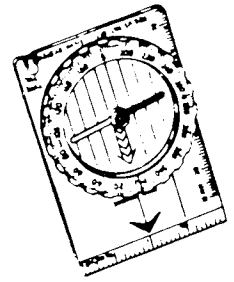
Another challenge is the selection of those items that go into the field bag. Each trip seems to suggest some special guide or gizmo, depending on the time of year, habitat(s) to be explored, or special purpose of the excursion, be it instructional, recreational or inspirational. Moreover, in this age of miniaturization it is so easy to overstuff the sack with tantalizing marvels of modern technology such as the micro-cassette recorder, battery-powered, illuminated pocket microscope, solar-powered calculator, computerized camera, electronic pH meter, digital pedometer, and more. There seems to be no limit to the diversity and cleverness of these devices. One wonders what life in the field was like before aluminum and magnesium, alkaline batteries, lightweight, synthetic fibers, plastics, freeze drying and the other commonplace developments that bring a smile to the face of a naturalist/technophile.

To help you plan for that special summer adventure, scan this checklist of field bag goodies. Mix and match, add and subtract to meet your personal needs and interests.

- simple first aid kit
- hand lens
- insect repellant
- matches or lighter
- notebook or journal
- field guide(s)
- inspirational reading
- nutritious snack
- binoculars
- zip-lock plastic bags

- multi-purpose bandanna
- pocket (not "Rambo") knife
- sunscreen ointment/lotion
- sun glasses and neck strap
- pens, pencils or markers
- small, reliable compass
- map or chart of the area
- canteen of some sort (filled)
- camera and a few accessories
- some stout cord or light rope

Upon occasion I might also add any of the following: garden trowel, pruning shears, whistle, mirror, bathing suit, plastic jars or vials, geologist's hammer, nylon hammock, space blanket, etc. Whatever you take, plan well, be safe and have fun. Happy trails!



EEAC wishes to express our sincere condolences to Steering Committee member Eneas Sloman on the death of her husband Ralph. Contributions to the Ralph Sloman Memorial Fund may be sent to the Alley Pond Environmental Center, 228-06 Northern Blvd., Douglaston, NY 11363.

This newsletter can not be produced without the support of many generous and dedicated friends. I would like to thank Pina Quercia for typing this issue, Ken Kowald and Con Edison for printing our newsletter and all of the contributing authors.

Kim Estew

NEWS FROM:

ALLEY POND ENVIRONMENTAL CENTER



APEC has an exciting schedule of spring and summer programs for you and your family. The following is a "sneak preview" of some of our walks, trips and workshops. We hope you will join us for a walk in the woods...

Woodland Walks	Every Saturday	11 AM
Woodland Walks	Every Sunday	1 AM
Tai-Chi Chuan	Every Saturday	10 AM
Botanical Safari (w/Harry Betros)	Sat. May 30	10 AM
Park Explorations (w/Bill Nieter)	Every Friday	10 AM
Horseshoe Crab Walk	Sat. June 6	1 PM
Painting-in-the-Park	June 17,18,24,25	10 AM
Park Enforcement Techniques	Sat. June 20	2 PM
NATURE CENTER OPEN HOUSE	Sat. July 11	10 AM - 5 PM
featuring bluegrass sounds of TONY TRISCHKA AND SKYLINE		3 PM
Astronomy	Third Friday	8 PM
Jumbo String Band Concert	Sun. July 19	3 PM
Seaweed Walk	Sat. Aug. 8	1 PM
Tour American Indian Museum	Tues. Aug. 11	1 PM
Basket Weaving	Sat. Aug. 22	10 AM

For a complete listing, with exact meeting places and fees, call APEC for a free calendar/newsletter at (718) 229-4000 or write/visit us at 228-06 Northern Blvd., Douglaston, NY 11363. APEC is open Tuesday through Saturday 9 - 5 (closed Sun. and Mon. in the summer). The WOODLAND NATURE CENTER is open on Sat. and Sun. We welcome you to visit or to help with trail maintenance...

ASSOCIATION OF INTERPRETIVE NATURALISTS



The Association of Interpretive Naturalists (A.I.N.) a professional organization of educators, naturalists and interpreters of natural and cultural resources, will hold the 1987 National Interpreters' Workshop in St. Louis, Missouri from November 1-7. The various workshops will focus on communication - the skill that all educators utilize to help people understand the cultural, historical, and natural environment around us. Field trips will include: a canoe trip down the Meramec River, a visit to the Cahokia Mounds State Historic Site (where Mississippian Indians created North America's first true city), a riverboat excursion down the Mississippi River, and a visit to Forest Park (the second largest urban park in the nation, which contains the St. Louis Zoo, the St. Louis Science Center, and the Museum of Fine Arts).

For more information about this exciting conference: write to 1987 National Interpreters' Workshop, 6700 Needwood Road, Derwood, Maryland 20855.

COALITION FOR THE BIGHT

The New York Bight is an 11,310 square nautical mile, near square arm of the Atlantic Ocean bounded by Long Island, the Jersey shore and the Continental Shelf. To meet the challenge of this stressed common resource, the Coalition, a public/private alliance has been formed. Its goals are:

- to build the constituency for a bi-state management strategy for the Bight;
- to develop an agenda of issues-harvesting, plying, enjoying, loading, monitoring, and managing the Bight;
- to identify steps for research, planning and action.

For information contact the Coalition at 101 East 15th Street, New York, NY 10003, (212) 460-9250.

NEWS FROM...

CON EDISON

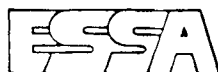
Con Edison's Energy Fitness Van, a 35 foot long mobile exhibit center filled with energy conservation tips and ideas on selecting the most efficient home appliances and lighting, will visit by appointment throughout New York City and Westchester, wherever there are groups who are interested in energy conservation.

To arrange a visit, call:

- The Bronx (212) 960-4598
- Brooklyn (718) 802-5077
- Manhattan (212) 576-2932
- Queens (718) 830-6817
- Staten Island (718) 390-6369
- Westchester (914) 993-6361

Be prepared to provide information about the event or organization, the location and the number of people expected.

ELEMENTARY SCHOOL SCIENCE ASSOCIATION



The Elementary School Science Association is offering a variety of exciting tour packages for 1987.

- 15 days in Israel (\$1349.00 per person double occupancy) beginning August 12
- a 4 day adventure weekend (Oct. 31 - Nov. 3) in Iceland, the land of fire and ice, for \$349.00 per person (double occupancy)

For applications and additional information, contact Marilyn Check, 171-16 69th Avenue, Flushing, NY 11365.

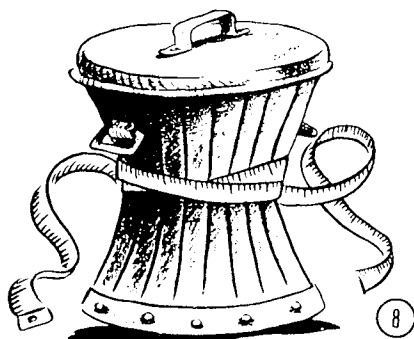


ENVIRONMENTAL ACTION COALITION

EAC is pleased to announce the publication of Woods and Water. This new curriculum focuses on watershed forests and the water supply of New York City, Albany and Rochester.

Woods and Water is co-sponsored by EAC, NYS Department of Environmental Conservation, NYC Department of Environmental Protection, NYC Board of Education's Division of Curriculum and Instruction and the Mayor's Water Conservation Committee.

To receive a copy of Woods and Water and have a chance to participate in special teacher tours conducted by the NYC Dept. of Environmental Protection, contact EEAC at (212) 677-1601, 625 Broadway, New York, N.Y. 10012.



**Help Reduce
New York's Waste.
Please Recycle.**

NEWS FROM...

FROST VALLEY YMCA

Summer Camp opening

Position: Environmental Education Coordinator

Duties: Coordinate Environmental Education Program for 2 resident camps and teach environmental education for small groups of campers; serve as resource person for development of environmental awareness for staff counsellors.

Contact: Terry Murray
Frost Valley YMCA
298 Claremont Avenue
Montclair, NJ 07042
(201) 744-3488



GATEWAY ENVIRONMENTAL STUDY CENTER

In this year of the bicentennial of the Constitution, GESC will emphasize the relationship of the natural to the social history of our country. Students involved in the study of this significant event in our country's development can add to their understanding by studying the environmental conditions which contribute to that development. Our country started as a coastal nation. Exploring Gateway's shorelines can help one to understand the importance of that resource.

GESC is proud to announce the publication of Exploring the Trails of Dead Horse Bay. It was written by Maxwell (Mickey) Cohen, retired Assistant Principal of marine biology at Beach Channel H.S.

Call the following Gateway Units for details about their summer activities:

Jamaica Bay District, Floyd Bennett Field,	
Dead Horse Bay	- (718) 338-4306
North 40	- (718) 338-4306
Breezy Point District	- (718) 474-4600
Jamaica Bay Wildlife Refuge	- (718) 474-0613
Staten Island Unit	- (718) 351-8700

For information about GESC programs contact Ruth Eilenberg, GESC, Floyd Bennett Field, Brooklyn, N.Y. 11234, (718) 252-8285. GESC is a joint venture of the New York City Board of Education and Gateway National Recreation Area.



HOYT FARM PARK

The Suffolk County Archaeological Assoc. and the Nassau County Archaeological Committee invite you to participate in a variety of L.I. Indian and Archaeology programs.

Children: Indian Life Activities will be the focus during July and August, from 9 am - Noon, Monday through Friday (\$75. per week).

Teachers: Learn skills for teaching local, NYS and American history, participate in ethnobotany and native technology activities, develop skills in surveying, drawing and mapping, excavation techniques, laboratory analysis and photography, and use on-site resources. These classes are held at BOCES from July 20 - 26 (call 516-289-2200 x222) and Museum of LI Natural Sciences from July 13-17 (call 516-632-8230). Students and Teachers: Long Island Culture History Workshops are held during the school day. Pre-visit and post-visit materials and class activities are part of the package for upper and lower elementary school groups. The fee is \$150.

For information about all of the programs call Hoyt Farm at (516) 543-7804.

NEWS FROM...

INWOOD HEIGHTS PARK ALLIANCE

Position Available: Director of Volunteer and Youth Programs

Responsibilities: Coordinate volunteer activities, identify and mobilize potential volunteers to more active support of programs, and encourage more financial and volunteer support from within the community.

To Apply: Send resume or letter explaining your qualifications to:
Parks Alliance
624 West 207th Street
New York, NY 10034

The Inwood Heights Parks Alliance is a non-profit organization in the Washington Heights and Inwood sections of Manhattan that operates outdoor education programs for more than 12,000 children annually, maintains a nature center in Inwood Hill Park, and sponsors a variety of community based parks improvement projects.



NATIONAL AUDUBON SOCIETY

Each year the New York City Gardens Club provides scholarship monies for approximately 35 city teachers to attend the special field seminars for educators at the Audubon Ecology Workshop in Greenwich, Connecticut. This summer season there are five such week-long sessions available for selection by the successful candidates:

July 13-19, July 20-36, July 27-August 2, August 3-9, August 10-16

The per person cost for the Workshop, including tuition, room, board and materials is \$395.00. The New York City Gardens Club will apply \$345.00 towards a recipients fee. Scholarship winners are expected to pay the non-refundable \$50.00 registration fee, required when submitting enrollment materials, upon notification of receipt of the award.

This is a wonderful opportunity. For information, call (203) 869-5272 or write to Audubon, 613 Riversville Road, Greenwich, Ct. 06831.

NATURAL RESOURCES GROUP



The Natural Resources Group (NRG), begun in 1984, is a division of the NYC Dept. of Parks and Recreation. The purpose of the group is to develop and implement management strategies for the natural areas in the five boroughs. Their in-depth studies of thousands of acres of NYC parkland has resulted in highly detailed maps and reports. The identification and assessment information is used to define the ecological needs of the areas. Acting upon these findings, NRG hopes to protect the city's natural areas, enhance the environmental educational opportunities, and make the public more aware and responsible for the natural areas surrounding them.

NRG has also produced a series of publications including: The Country in the City; The Kazimifoff Nature Trail; The Gerritsen Creek Nature Trail; and The Great Trees of New York City. You can receive a copy by calling NRG at (212) 360-8202.

NATURE SPECIALTY TRAINING CENTER

HELP WANTED:

Positions are available as nature specialists at summer camps in various locations.

Qualifications: 20 years of age or older; background in natural science; enjoy working with children.

Salary - plus room and board.

Free training available.

Send resume and cover letter to:

Lenore Miller, Nature Specialty Training Center
296 Arlene Street
Staten Island, NY 10314
(718) 761-3501

NEWS FROM...

NEW YORK CITY DEPARTMENT OF SANITATION



The fervor for recycling of the 1970's has been kept alive by volunteers through good times and bad and recycling is now a formal policy directive in New York City. When Resolution 61 was adopted by the Board of Estimate on December 20, 1984 it established the concurrent development of waste-to-energy facilities and a citywide program of materials recycling to deal with New York City's waste disposal crisis.

The Office of Recycling Programs and Planning was established in April 1985 and is responsible for designing and implementing programs to achieve the City's goal of recycling an additional 15 percent of the waste stream by 1991.

The Office of Recycling is working towards meeting this goal with several recycling programs including the City Agencies Office paper Recycling Program. Containerized Apartment House Recycling Pilot Program, Curbside Recycling Pilot Program and support of voluntary drop-off centers and a buy-back center.

There are currently four Voluntary Drop-off Centers in New York which were started 10-15 years ago by neighborhood volunteers. They are:

CENTER LOCATION

The Village Green
Recycling Team
6th Avenue & West 4th Street
Manhattan (212) 674-1762
Hours: Mon. 5pm-7pm
Wed. 11am-2pm
Sat. 10am-3pm

Peoples Environmental Program (PEP)
315 East 61st Street
Manhattan (212) 472-2072
Hours: Wed. 10am-1pm
Sat. 10am-2pm

Cathedral/Upper West Side
Recycling Center
1047 Amsterdam Ave. (at 111th St.)
Manhattan. (212) 865-9595
Hours: Sat. 10am-Noon

New Yorkers for a Better
Environment
96 Atlantic Avenue
Brooklyn Heights. (718) 855-0346
Hours: Sat. 10am-2pm

MATERIALS ACCEPTED

newspapers; glass; aluminum;
tin; plastic water & milk jugs

newspapers; glass; aluminum;
bi-metal and tin cans

newspaper; glass; bi-metal cans;
aluminum cans; foil and pie plates;
high-grade office paper

newspapers; glass; aluminum, bi-metal
and tin cans



You may live in an area that is or will be part of the pilot curbside program, live near a voluntary center or be able to initiate a paper recycling program in your apartment building or office.

For further information on how you can get involved in these programs, write to the New York City Department of Sanitation, Office of Recycling, 51 Chambers Street, Room 820, New York, NY 10007 or call Anna Matheny at 212-566-5606.

NEW YORK-NEW JERSEY TRAIL CONFERENCE



The New York-New Jersey Trail Conference is a consortium of 65 hiking clubs with over 4,000 members who work together to build and maintain recreational hiking trails and promote conservation. The Conference maintains almost 800 miles of marked trails from the Delaware Water Gap to the Connecticut border and helps to protect woodlands, wildlife, and places of scenic beauty. Publications include: The New York Walk Book and the Appalachian Trail Guide to New York and New Jersey.

For additional information: The New York-New Jersey Trail Conference, 232 Madison Avenue, #908, New York, NY 10016 (212) 696-6800. (11)

NEWS FROM...



NEW YORK CITY STREET TREE CONSORTIUM

- Tree Tips:
- Keep the tree pit clean. Remove trash that will stop air and water from getting into the soil.
 - Keep dogs away. Dog excrement damages the bark and roots of a tree.
 - Aerate the soil around the tree. Soil that is packed down prevents water and air from reaching the roots.
 - Prevent poisons such as gasoline, oil, borax or chlorine detergents, and salt from seeping into the soil and killing tree roots.
 - Water a tree 6-8 buckets of water twice a week.

Additional information can be obtained by contacting the NYC Street Tree Consortium, 3 West 29th Street, NYC 10001 (212) 679-4481.



NEW YORK STATE MARINE EDUCATION ASSOCIATION

"Beneath Sound and Sea," NYSMEA's annual conference, will be held from May 29-31 at Southampton college.

For more information contact NYSMEA, Box 705, Mineola, NY 11501.

NEW YORK RAINFOREST ALLIANCE

October 16-18, 1987 - "Interdependence and Responsibility". This will be a major conference in NYC with music, arts events and prominent speakers addressing our connection to the rainforest.

For information about this and other ongoing projects, write 496-A Hudson Street, Suite G11, New York, 10014.

NEW JERSEY SCHOOL OF CONSERVATION

The New Jersey School of Conservation offers a variety of environmental education programs for students young and old:

- resident school programs (two and half days, four days and five days) in environmental studies
 - environmental education internships; positions available for graduate and undergraduate students, beginning in September or June, for a minimum of 15 weeks; room and board, plus a \$50.00 a month stipend
 - graduate fellowships providing field teaching opportunities and course work leading to a Master of Arts Degree in Environmental Studies, with concentration in Environmental Education
 - summer term courses: Outdoor Teaching Sites for Environmental Education (6/29-7/10, 3 credits); American Heritage Skills (7/13-7/24, 3 credits); Society and the Natural Environment (7/27-8/7, 3 credits); Environmental Impact of Recreation on Natural Areas (8/10-8/21, 3 credits).
- Contact: Montclair State College, N.J. School of Conservation, RD 2 Box 272, Branchville, New Jersey 07826.

NORTH AMERICAN ASSOCIATION FOR ENVIRONMENTAL EDUCATION



"Showcase for Environmental Education Excellence: Gaining Momentum for the Challenge Ahead" is the theme for NAEE's 16th annual conference. It will be held October 16-21, 1987 at Le Chateau Frontenac, Quebec City, Canada. For information, write to NAEE, P.O. Box 400, Troy, Ohio 45373 or call (513) 698-6493.

NEWS FROM...



POCONO ENVIRONMENTAL EDUCATION CENTER

The American Institute of Architects and PEEC are planning a Learning By Design Workshop September 25-27, 1987. You are invited to submit an abstract and propose to make a presentation at the workshop. Write to PEEC for application. Should your proposal be accepted, Friends of PEEC will cover the cost of your room and board at PEEC that weekend.

- June 5-7: Plants of the Poconos - \$63.00
- June 27 -
- July 3: Elderhostel

Prices per person include registration, meals and lodging. For applications and for additional program information, write to the Pocono Environmental Education Center, R.D. 1, Box 268, Dingman's Ferry, Pennsylvania 18328 or call PEEC at (717) 828-2319.



PROSPECT PARK ENVIRONMENTAL CENTER

PPEC has a new home. Parks Commissioner Henry Stern has approved PPEC's move from the Picnic House 120 yards south to the grand Tennis House. The move, planned to take place in stages over the next several months will solve the Environmental Center's space crunch by providing enough room for two classrooms, a workshop/lab, an ongoing environmental exhibition, a gallery shop, storage and offices.

Not only is the Tennis House well situated, within easy reach of the different park habitats and ecosystems, it is architecturally outstanding. For an organization with a foot in both worlds, the built and natural environments, the building will serve as a fine symbol of PPEC's programmatic goals.

Some final modifications on the interior are required to complete the restoration and to accommodate PPEC's needs. PPEC needs to raise a capital fund of \$65,000 to furnish and equipt the Center. It is hoped that all PPEC programs will be housed in the Tennis Center this autumn. Good luck!

HELP WANTED

Instructor in Environmental Education

- full time, effective summer 1987
- demonstrated excellence in teaching required
- desired expertise in one or more subject areas of urban environmental studies, from architecture to zoology; also desired, organizational and administrative skills
- Salary - \$15,250 - \$19,000, plus generous benefits package

Also, per-diem opening available, for week days during school hours, April - June 1987.

For information, contact John Muir, PPEC, The Picnic House, Prospect Park, Brooklyn, NY 11215 (718) 788-8500.



PROTECTORS OF PINE OAK WOODS, INC.

If you are interested in exploring Staten Island and finding out about its varied natural systems, join the Protectors. This organization conducts annual hikes on the Greenbelt, conferences to make you and others aware of the richness and the importance of this borough. For a copy of their newsletter and for program information, contact Richard Buegler, 80 Mann Ave., Staten Island, New York, 10314 or call (718) 761-7496.

NEWS FROM...

QUEENS COLLEGE CENTER FOR ENVIRONMENTAL TEACHING AND RESEARCH

The Queens College Center for Environmental Teaching and Research at Caumsett State Park offers residential environmental education program for schools from throughout the metropolitan area. The Park, located just north of Huntington in Suffolk County, has salt marshes, forests, meadows, a fresh water pond, and two and a half miles of seashore. Q.C.C. also offers an in-class Birds of Prey program featuring live raptors. For scheduling information, contact Peter Schmidt at (516) 421-3526 or (718) 520-7240.

CLASS Project, the in-class environmental education program for middle and junior high school students written by the National Wildlife Federation is available to teachers through Q.C.C. Teacher training workshops for the implementation of this curriculum can be arranged for individual schools or districts.



SIERRA CLUB/WATSON SUMMER ECOLOGY WORKSHOP

The second annual environmental workshop for educators "A Family Camp Experience" will be held Saturday, August 1 - August 8, 1987. You will be living at the Watson Homestead, Painted Post, in the beautiful Finger Lake region of New York State. The workshop offers families daytime activities including field explorations of streams, bog, meadow and forest as well as techniques for investigating human eco-systems. Special interest electives include photography, compass work, grave rubbings, fossil hunting, foraging for edible plants and simulation games. There will be bird walks, a trip to Watkins Glen and community studies in Corning. You can swim, folk dance, play volleyball, participate in twilight sings and evening walks.

For a free brochure, please call (415) 776-2211 or write Sierra Club Environmental workshop, 730 Polk Street, San Francisco, CA 94109.

STERLING COLLEGE

Do the beauties of nature strike a chord of literary inspiration within you? Interested in spending a week in the Green Mountains of Vermont this summer?

Satisfy these urges by attending the Wildbranch Writing Workshop at Sterling College in Craftsbury Common, Vermont from June 21-27. The art of fiction and natural history writing is to be taught by distinguished, professional writers. Sessions cover manuscript and slide preparation, fiction writing, getting published, problems in environmental article research, and other topics. Application deadline is April 10th.

For information on fees, travel routes, admissions or curriculum, write or call David Brown, Director, Wildbranch Writing Workshop, Sterling College, Craftsbury Common, Vermont 05827, (802) 586-7711.

SUMMER CAMPS FOR SPECIAL CHILDREN

To receive a free list of summer sleep-away and day camps for children with disabilities send a self-addressed stamped envelope to:

Joseph M. Varon - Special Education Department
Leonardo Da Vinci Intermediate School
98-50 50th Avenue
Corona, NY 11368

EEAC NEWS...

INSTANT REPLAY

On Saturday, November 22, EEAC held its annual membership meeting at the newly renovated Hall of Science. The Hall's Director of Development, Marilyn Hoyt gave a slide presentation showing the current activity of the institution. Closed since 1980, the Hall has been completely re-fitted as a public educational building. It has rapidly developed a large school and public following. During the questions and answers, the need for intercommunication between groups and complimentary nature of our programming became apparent.

After the morning orientation, the members moved throughout the floor exploring wind-mills, making giant bubbles and generally having a wonderful time. One of the Hall's explainers performed a demonstration dissection of a cow's eye that proved fascinating for young and old alike. Following the meeting most people quickly dispersed for afternoon activities, but half a dozen EEAC members took an additional 25 minutes to take an around the world tour by means of a simple time computer and the Unisphere. We left NY at 2:05 EST, travelled east through Europe, Asia and the great Pacific arriving back at the New York meridian at 2:30.

Environmental Education Advisory Council

EEAC is a special group of educators, youth leaders, environmental professionals and active individuals whose common aim is to encourage environmental education in the N.Y.C. region.

We are an organization that works on "synergy." Through us, members are able to pool their ideas and knowledge, speak with a single voice to influence educational policy, and, as individuals, share many pleasurable and interesting activities.

The main goal of EEAC's coming together is the education of today's young people. The future stewardship of our environment, an immensely important task, depends on their being informed and, as much as possible, experienced in environmental matters. We stress that young people should develop an appreciation both of nature in the wild and of the richness of urban and semi-urban environments, as well as an awareness of environmental problems to be solved.

By exchanging our knowledge, we at EEAC make each other better educators, By advising and influencing where we can, we may make education better as a whole.

MEMBERSHIP APPLICATION 1987

_____ Renewal
_____ New Member

NAME: _____ AFFILIATION: _____ POSITION: _____

Business Address: _____ Phone: _____

Home Address: _____ Phone: _____



Your \$10:00 dues payment covers the cost of membership in EEAC for the calendar year 1987. Payment of dues entitles the member to receive the EEAC Newsletter, plus periodic information mailings and to attend citywide conferences of environmental educators held by the council. Please complete this form and mail, with your dues payment, to:

Bernard Kirschenbaum
12 Gregory Road
Springfield, NJ 07081

EEAC NEWS...

NEW EEAC STEERING COMMITTEE MEMBERS (Cont'd)

MARC PETERS - is Corresponding Secretary for EEAC. He is a part-time graduate student at New York University in Environmental Conservation education. Marc is also a full-time employee at NYU doing video production. His interests are photography, botany and agronomy. Marc is a volunteer at the Brooklyn Botanic Gardens and was an outdoor education instructor in Portland, Oregon.

PATTI REILLY - Patti began working for the National Park Service as a seasonal. She was assigned to Breezy Point in 1981 and became the Environmental Education Specialist for Gateway National Recreation Area in 1984. This area incorporates Breezy Point-Jamaica Bay, Sandy Hook and great Kills units. Patti graduated St. John's University with a Bachelor's degree in biology and C.W. Post College with a Master's degree in marine science.

HERB YELLIN-Graduated from Brooklyn College and now is a practicing attorney in New York City. He is a co-founder of the NY/NJ American Cetacean Society (ACS) chapter and served as its first president for two years. Herb also served as the National Cetacean Society Presiden, Vice-President and Conservation Chairman.

MONTH **November** YEAR **1987**

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						7
<p>Hold <u>this</u> day for: "New York: Naturally!" an environmental conference for all.</p> <p><small>SPONSORED BY: Environmental Education Advisory Council (EEAC) New York City Board of Education, Division of Curriculum and Instruction</small></p>						

EEAC and the NYC Board of Education, Division of Curriculum and Instruction are proud to present NEW YORK: NATURALLY II on Saturday November 7, 1987 at Murry Bergtraum H.S. near City Hall (411 Pearl St. opposite Police Headquarters). This conference is a biannual event that highlights the environmental education resources available in the metropolitan area.

The conference is designed to help educators

- . address critical issues
- . highlight successful programs
- . network information and services
- . meet fellow educators
- . take home EE resources

ENVIRONMENTAL EDUCATION ADVISORY COUNCIL (EEAC)

c/o Prospect Park Environmental
Center
The Picnic House
Prospect Park
Brooklyn, N.Y. 11215
(718) 788-8500



REMEMBER ... JUNE 13 EEAC MEMBERSHIP DAY AT PELHAM BAY PARK