



eeac

NEWSLETTER

FALL 1986

CHAIRMAN'S MESSAGE: How I Spent My Summer Vacation

Once again this summer, I returned to Britain. For me and my family that island's attractions win out over more exotic destinations because, I've decided, we simply find the place more civilized. In particular this holds true for the relationship of the British with their environment.

That the British devotion to things environmental is deeper and more widespread is manifest virtually everywhere you go in England, Scotland, and Wales. For example, it seems everyone is gardening, if not in private gardens, then in parks and town allotments. Foyles' in London, the world's largest and greatest bookstore, has a huge room of tens of thousands of volumes devoted entirely to nature! David Bellamy, a BBC naturalist, preservationist, and critic, is a T.V. cult hero; his Pebble Mill program is a national habit, and nature documentaries are on every night. The environment is everyone's business there.

The most striking thing about their environmental attitudes, to our American eyes, is that concerns about nature and the countryside are not separate from concerns about the city and the built and designed environment. Rather, they seem to perceive the environment as an unbroken continuum of natural and man-made elements. The cover of the Conservation Foundation's Conservation Annual shows a montage environment with everything from kingfishers to church steeples, from butterflies to ancient windmills.

This holistic view of the environment is reflected in their approach to the planning process. The British public and their government see environmental planning not as something compartmentalized into wilderness and rural and urban and water bodies and etcetera, as we do in the U.S., but as a seamless whole. Their principal professional planners association is, revealingly, the Town and Country Planning Association, and a single government ministry, the home office, oversees it all. (In no other western country is planning authority so dispersed, and frankly, so toothless, as here at home.)

(Continued on Page 4)

SAVE THIS DATE



SATURDAY, NOVEMBER 22, 1986

EEAC MEMBERSHIP MEETING AT THE NEW YORK HALL OF SCIENCE

ENVIRONMENTAL EDUCATION ADVISORY COUNCIL

A voluntary organization in support of Environmental Education for New York

EEAC NEWS:

LEGISLATIVE NEWS UPDATE

The syllabus booklets containing the infusion of environmental concepts in 14 subject areas have been returned to the State Education Department. The initial response by the Department has been quite positive and we hope that most of the material submitted by the curriculum writers in our coalition will be accepted. The syllabus booklets in all 14 subject areas will be ready for distribution to schools in New York State by September 1987. This represents a significant success for EEAC. We will continue to work with the State Education Department to infuse environmental concepts into additional subject areas.

The following programs are planned for EEAC members during 1987. Save these dates. Additional information will be included in the winter issue of your newsletter.

Sat, Jan 31 - "Winter Wonders" at Gateway National Recreation Area, Floyd Bennet Field, Brooklyn. For information, call Ruth Eilenberg (718) 252-7307

Sat, Feb 21 - Membership Meeting at Magnolia Tree Earth Center 10am-2pm, 677 Lafayette Ave., Bklyn. (718) 387-2116

Sat, Mar 21 - Membership Meeting "The Vernal Equinox" at the United Nations.

Sun, Apr 5 - Science and Technology Week thru Sat, in NYC.
Apr 11

Sat, Apr 11 - Membership Program at the new North River Sewage Treatment Plant, Manhattan.

Fri, Apr 24 - Arbor Day, City-wide.

Sat, May 9 - Family Membership Picnic at Alley Pond Park, Queens.

Sat, Jun 13 - Membership Program at Pelham Bay Park, Bronx.

CALENDAR OF STEERING COMMITTEE MEETINGS

Wed, Oct 15 - Prospect Park Environmental Center, Picnic House, Brooklyn
4-6pm (718) 788-8500

Sat, Nov 22 - New York Hall of Science (combined Steering Committee/Annual Membership Meeting)
Flushing Meadows Corona Park, Queens
(718) 699-0500

Wed, Dec 17 - Magnolia Tree Earth Center
677 Lafayette Ave., Brooklyn
(718) 387-2116



ENVIRONMENTAL EDUCATION ADVISORY COUNCIL (EEAC)

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

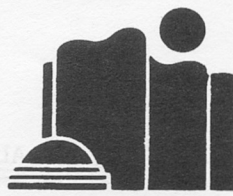
John C. Muir, Chairperson (718) 788-8500
John W. Kominski, Vice-Chairperson
Joseph M. Varon, Secretary
Mike Mann, Membership Secretary
Bernard Kirschenbaum, Treasurer

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
Dr. Eugene Ezersky
Carol Franken, Academy of Environmental Sciences
Sam Holmes, Gateway National Recreation Area
Bernard Kirschenbaum
John W. Kominski, NYC Board of Education
Kenneth Kowald, Consolidated Edison
Lillian Lesser, Queensboro Lung Association
Dove Lusterman, Queens Botanical Garden
Jim McGowan, Clay Pit Pond State Park Preserve
Lauren McGuinn, Brooklyn Children's Museum
Mike Mann, Brooklyn Clearwater/Environmental Quest
John Muir, Prospect Park Environmental Center
William Nieter, St. John's University
John Padalino, Pocono Environmental Education Center
Ray Pfortner
Helen Ross Russell
Philip P. Schaeffer, Greenwich Audubon Center
Eneas Sloman, Elementary School Science Association
Talbert Spence, Wave Hill Environmental Center
Joseph M. Varon, School of Cooperative Technical Education
Nancy Wolf, Environmental Action Coalition
Michael Zamm, Council on the Environment of NYC
Kim Estes, EEAC Newsletter Editor

*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 Blvd., Douglaston, N.Y. 11363, (718) 229-4000.

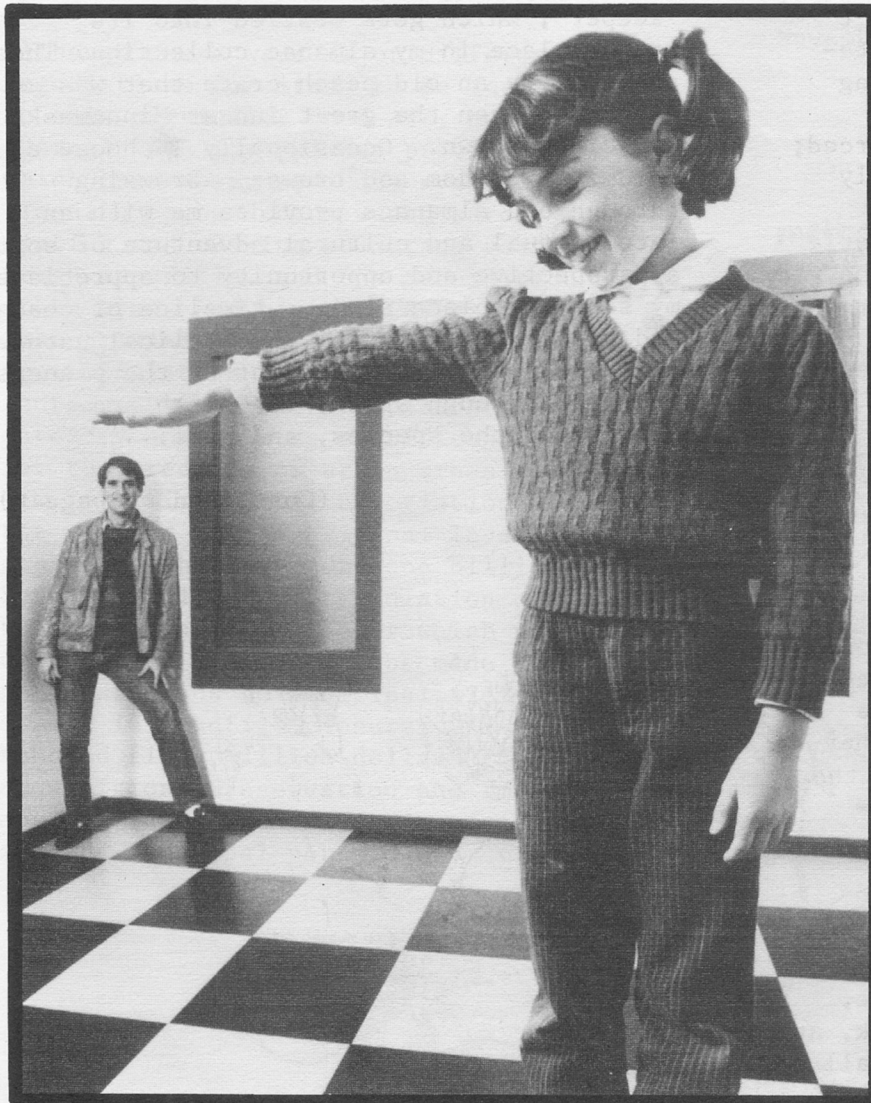


EEAC TO VISIT NEW YORK HALL OF SCIENCE

On Saturday, November 22, EEAC will hold its annual membership meeting at the recently (re)opened New York City Hall of Science in the Flushing Meadows. Here is a wonderful chance to share a unique science education experience with your fellow educators in EEAC.

- 9am - Members and guests arrive.
Enjoy an exciting staff program
and tour of this remarkable
facility.
Coffee/tea will be served.
- 11:30am - Annual election and business
meeting, committee reports
and general information exchange.
- 1pm - Bring your own brown bag lunch
and beverage.

A complete program and travel directions will be mailed to members in October. For further information on the meeting, contact William Nieter (w) 718-990-6161 ext. 5389 or (h) 718-423-4560.



The New York Hall of Science is built on the idea that science is most interesting, and fun, when approached through the eyes of the scientist. Visitors will explore, investigate and experiment using "hands-on" exhibits.

In photo: Distorted Room, part of the "SEEING THE LIGHT," exhibits on color, light and perception, commissioned by IBM and built by San Francisco's Exploratorium. Other exhibits include: "FEEDBACK," the world of self-sensing machines. Visitors will better appreciate some of the important technical and social challenges within our society; and "REALM OF THE ATOM," the first major museum effort to explain quantum theory and its application to the public. What is light, what are electricity, heat radiation, nuclear radiation?

The Hall is located in Flushing Meadows - Corona Park, in a unique building designed for the 1964-65 World's Fair.

For information, call (718)
699-0675.

HOW I SPENT MY SUMMER VACATION - Cont'd.

Nature centers abound in Britain, at a far greater density than in the U.S., but something almost entirely absent here can also be found in any British medium or large city--an institution they call an "Urban Centre." These carry out in the towns and urban districts what their counterparts do in the rural areas: school class-trip programs, curriculum development, advocacy, exhibitions, et al. They aim to study and educate about issues of history, land use, population, environmental quality, architecture and planning, of their own town or district. Even the town called Milton Keynes, one of several "planned towns" built in the 1960's and lying 30 miles north of London, its towers plunked down into wheatfields and having no antecedent history, nonetheless has a particularly active urban center. (Incidentally, I was delighted to find that the subject they're studying most intensively lately is why the children who are growing up there don't seem to like it. It's nice to have one's prejudices reinforced; I've always felt planners don't really think much about what makes a rich environment for children.) The historic preservationists too are wedded to the environmental movement, preserving or adapting for re-use everything from crofter's cottages to rural landscapes to village churches to London's skyline. By contrast, in the U.S. preservation continues to be principally the preoccupation of a minority of elitists.

Finally, parks. I speak as one who believes that city parks are the crowning jewels of a civilized environment. The large city parks, and especially the Royal Parks of London, are probably the finest in the world. They seem principally in the care of the people who use them, signs of vandalism and graffiti are as rare as acts of uncivil behavior, and their tiny budgets wouldn't match the cost of a single Central Park skating rink. With parks, as with the other parts of their environment, the British cherish, use, even celebrate them. It seems to work, and we have a lot to learn from that small island.

- John C. Muir -

ALMANAC TIME AGAIN - By John Kominski

October ushers in waves of fall foliage, fashion and football fans. For me however, 'tis the season of the almanacs. At this time of the year, as the days shorten and we begin to fold and store our summer wardrobe, almanacs pop up on newsstands around the big apple. I usually buy at least two copies of my favorite and probably the most popular version - The Old Farmer's Almanac by Robert B. Thomas, published by Yankee. This year, the 195th anniversary (1792 - 1986) of this non-computerized database, the familiar gold volume boasts a square spine, which I'm sure, will give it an improved look of authority and purpose when tucked into my reference library.

Why two copies? Well, one is for program and calendar planning and marking up with paper clips, 3M Post-its, felt-tipped pens and colored highlighters. The other is my "keeper", which gets nestled into its proper place in my almanac collection. These are kept in an old peach crate that was discarded when the great inn at Minnewaska was closed down. Occasionally I choose a volume at random and browse. Browsing through old almanacs provides me with an intellectual and cultural adventure of sorts, a perspective and opportunity to appreciate my sense of place along a timeline of change, and another reminder of the cyclical nature of the seasons, the movement of the planets and moon through space, the birth and rebirth of the species, and more.

(Continued on page 6)



VOTE YES! PROPOSITION ONE

ENVIRONMENTAL QUALITY BOND ACT
TO COME BEFORE VOTERS IN
NOVEMBER



One important piece of environmental legislation made it through the 1986 session and has been signed by Governor Mario Cuomo: the Environmental Quality Bond Act of 1986. Designed to provide capital funds for major environmental needs, the Act must now come before the voters at the November election in order to become law.

Environmentalists across the State have banded together in quickly-formed organizations such as the Green Apple Coalition (a group of New York City-based non profits) and the Statewide Committee for the 1986 Environmental Quality Bond Act. The purpose of the organizing is simple: pass the Bond Act in November.

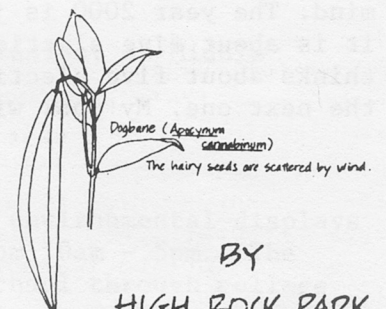
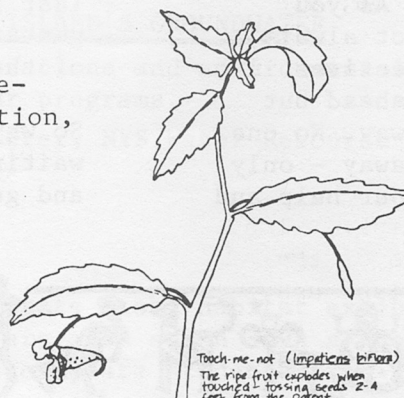
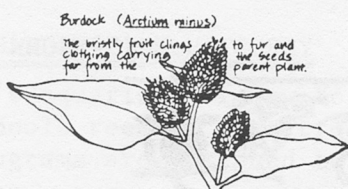
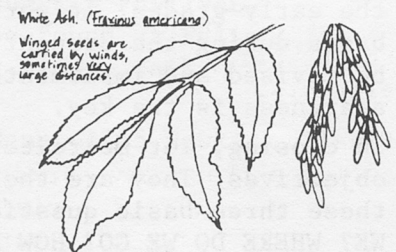
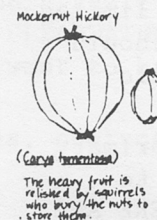
Although there were major differences in negotiations for items to be included in this particular Bond Act, no one can quarrel with its primary provisions for which bond money would be available: cleaning up hazardous waste sites, remediating and closing polluting garbage/trash landfills, and the acquisition of green areas and historic sites. This last provision was one that the Green Apple Coalition focused on, hoping to increase the amount of dollars in that category and provide significant funds for the greening of urban areas such as New York City. Final negotiations kept the numbers at the original level suggested by the Governor: one billion two hundred million for remediation of hazardous wastes sites of which up to one hundred million may be made available for loans to municipalities to assist in landfill closure; and two hundred fifty million dollars for acquisition, preservation and improvement of lands, for historic preservation, and for municipal parks.

Differences are now put aside: all are asked to join the "Band Wagon" for support of the EQBA, which is the last chance we will have for many years to create a desperately-needed source of capital funds for crucial State environmental needs. Although much of the hazardous waste site money will be spent outside New York City, the City can benefit from monies for landfill closures and, particularly, for the acquisition and protection of green areas.

The EQBA is THE environmental issue of Fall, 1986 - all members and friends of EEAC are urged to "talk it up" and encourage supporters to go to the polls in November and vote YES.

Nancy Wolf

methods of seed and fruit dispersal utilized by plants.



BY
HIGH ROCK PARK

TO THE ENVIRONMENTAL EDUCATION ADVISORY COUNCIL:

My election as chairman of the committee has led to a challenging, educational experience. In the eight years I have served in the Council, I have never encountered a committee that required such extensive study to simply understand the basic issues. On environmental issues, even the experts sometimes disagree.

As chairman, my objective is evaluation and development of long-range proposals and solutions of these serious problems, not quick fixes. A component in the development of long-range proposals/solutions is the re-education of the public. We are a wasteful society. Most of waste water is lost without regard to its limited supply until drought restrictions are imposed. (Then we try to scheme to avoid abiding by the regulations.) If something breaks, we discard it, even when it can sometimes be easily repaired or restored. When we finish a cigarette or unwrap candy, we drop it rather than hold it until we pass a litter basket.

No effort will succeed unless we educate the public on the need for the conservation of our resources. That is where organizations such as this can be most useful. Neither you nor I expect to create a city of 8 million conservationists, but at least enough people will think twice if we implement a long-range educational program beginning in the early grades. It worked on a limited basis during the drought and it should be revised and implemented. Public awareness is the key.

In closing, let me reiterate my primary objectives. They are the answers to these three basic questions - WHERE ARE WE? WHERE DO WE GO? HOW DO WE GET THERE? There are no simple answers. As you well know, government does not always function with long range objectives in mind. The year 2000 is just ahead but it is about five elections away. No one thinks about five elections away - only the next one. My job, with your help and

the help of others, will be to start shifting those priorities. I have sought environmental group input into the Esnard Task Force and public participation in planning for the third water tunnel. We are rapidly running out of time and resources.

Thank you for your attention and cooperation. I look forward to working with you.

- Excerpts from statement by City Council Member SHELDON LEFFLER, Chairman, Council Committee on Environmental Protection 1986

ALMANAC TIME AGAIN - Cont'd.

Naturalists and teachers can turn to the almanac to find valuable data regarding holidays, important dates in history during the coming year, low and high tide information, as well as the times of sunrise, sunset, moonrise and moonset. Contained among these pages is also a wealth of information that fits neatly into various lessons and units in science, social studies, language arts and mathematics. Using almanac dates you can plan interesting "homework" activities that kids can share with their families or enjoy while on a school camping trip - meteor watches at night, observations of lunar eclipses, locating prominent sky objects like planets and stars, or scheduling sunrise, sunset or twilight activities with great accuracy. The almanac will also help you calendar trips to study and enjoy horseshoe crab mating, bird and butterfly migrations, and fishing trips. Gardeners and "old farmers" turn to their almanac for first and last frost dates, charts on germination and gestation periods, weather trends, and phases of the moon.

So why wait? Your copy of the 1987 almanac is waiting for you at your local newsstand. Run and get a copy - 'tis the season!

- JOHN KOMINSKI -



NEWS FROM:



ALLEY POND ENVIRONMENTAL CENTER

Don't be left out of the woods. Join APEC for these exciting adult and family woodland (and wetland) programs.

- Tai Chi Chuan, Saturdays through October. Meet at Nature Center. 10:00am
- Wetland Walk, Sundays 1:00pm
- Botanical Safari, Last Sat. of each month. Meet at Nature Center. 10:00am
- October 11 - Butterfly Migration Walk - Jones Beach 11:00am
- October 17 - Astronomy/Star Gazing (with new Celestron C-8 Telescope) 7:30pm
- October 18 - Early Morning Bird Walk 8:00am
- October 22 - Table Top Photography 7:30pm
- October 29 - Coffeehouse Concert "A Touch of Japan" 8:00pm
- October 30 - Queens Geology 8:00pm
- November 5 - New York/Tokyo Teacher Exchange Program (With Elaine Alberts) 7:30pm
- November 6 - History of Vanderbilt Long Island Motor Parkway 7:30pm
- November 8 - Tour Isamu Noguchi Garden Museum 12:00 Noon
- November 13 - Poetry 7:30pm
- November 15 - Jones Beach Bird Walk 8:00am
- November 15 - Hike L.I. Motor Parkway 11:00am
- November 18 - Coffeehouse Concert-Bluegrass 8:00pm
- November 20 - BargeMusic-Brooklyn 7:30pm
- November 21 - Astronomy/Star-Gazing 7:30pm

APEC is distributing the New York State Department of Environmental Conservation's Return a Gift to Wildlife posters. The series includes colorful scenes featuring the loon, beaver, turkey and whale with accompanying educational guides.

For additional information and to receive your free Newsletter/Calendar of Events, write to APEC, 228-06 Northern Blvd., Douglaston, NY 11363.

Call (718) 229-4000 or visit during the hours 9am - 5pm Tuesday through Saturday, 11am - 4pm on Sundays.



BROOKLYN SLOOP CLUB

On Thursday, October 23rd, the Sloop Club will hold their annual PUMPKIN FESTIVAL, from 10am - 4pm. Music, pumpkins and the SLOOP CLEARWATER, will be found at Fulton Ferry Landing, near the Brooklyn Bridge. If you want to bring your class, call (914) 454-7673 for reservations.

For information about other Sloop Club activities, contact: Mike Mann, 1715 Newkirk Avenue, Brooklyn, NY 11226 (718) 941-9835.

COALITION FOR THE PROTECTION OF LONG ISLAND'S GROUNDWATER

The Coalition, formed by civic organizations and environmental groups, has educational materials and films available for your programs.

For information, contact: Nancy Schlotter, NYS Water Resource Commission, 43 Middle Neck Road, Great Neck, NY 11021.

COLD SPRING HARBOR FISH HATCHERY

The Hatchery's aquariums of New York State fish, habitat exhibits, environmental displays and rearing pools teeming with trout are open seven days a week from 10am - 5pm. The education programs are designed to accommodate students from pre-school through college undergraduates.

NEWS FROM...

COMMUNITY SERVICE SOCIETY'S NEW YORK TECHNICAL ASSISTANCE CLEARINGHOUSE (TAC)

Technical Assistance Clearinghouse is a free, comprehensive, computerized information and referral service. It links New York's non-profit community with available resources in order to strengthen their management and program capabilities.

If your organization can benefit from problem solving assistance from experts in fund-raising, public relations, personnel, finance, legal affairs, program development, planning and evaluation, board of directors, technology or management, then call Joanne Malbin, at (212) 254-8900.

CON EDISON

The new Con Edison 1986-87 Catalog of Free Programs, Exhibits and Literature is now available. For your free copy, contact the Consumer Education Representatives for your area:

- Bronx - Tony Pizarro & Jeffrey Katz, 310 E. Kingsbridge Road, Bronx, NY 10458; (212) 960-4603-4.
- Brooklyn - Marta Powe & Seema Goldstein, 30 Flatbush Ave., Room 619A, Brooklyn, NY 11217; (718) 802-5076-5.
- Manhattan - Fernando Perez & Joseph Petta, 708 First Avenue, Room 1001, New York, NY 10017; (212) 576-2935-6.
- Queens - Sondi Johnson & Mina Stecker Malin, 118-29 Queens Blvd., Forest Hills, NY 11375; (718) 830-6816-7.
- Staten Island - Wilma Allman, 60 Bay Street, Staten Island, NY 10301 (718) 390-6369.
- Westchester - Irene Chernis, 210 Westchester Avenue, White Plains, NY 10604; (914) 993-6075.

Central Staff - Kenneth Kowald, Director; Loretta DiCamillo and Nellie Pagan Healy, 4 Irving Place, Room 1625 S, New York, NY 10003; (212) 460-6905.

The Energy Association of New York State, of which Con Edison is a member, has produced a convenient reference guide New York At a Glance: A Digest of the 1985-86 New York State Statistical Yearbook. Invaluable data about the Empire State includes statistics for population, housing, health and human services, education, employment, energy and utilities, transportation, agriculture, natural resources, conservation, tourism, elections, etc.

For your copy, write to the Ken Kowald, Director of Consumer Education, Con Edison, 4 Irving Place, Room 1625 S, New York, NY 10003.

CRYSTAL RUN ENVIRONMENTAL EDUCATION CENTER

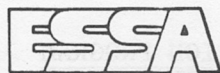
Broad fields of raised bed gardens edged with trees; rich woodland communities; wild meadow's diversity; ponds that reflect the sky; and an accomplished faculty. Here is an invitation to be part of a one hundred twenty acre preserve which is designed and maintained for educational, therapeutic and re-creative endeavors.

Located 40 minutes from midtown, day programs are offered year-round. Many can be conducted at your site.

For additional information, call (914) 425-3663 or write to Crystal Run, 681 South Main Street, Spring Valley, NY 10977

NEWS FROM...

ELEMENTARY SCHOOL SCIENCE ASSOCIATION



Saturday Science will be held on Saturday, November 15th from 9am - 3pm at Francis Lewis High School, 58-20 Utopia Parkway, Flushing, Queens. There will be excellent speakers, hands-on workshops and vendors. Refreshments will be served.

For additional information, contact Rose Blaustein, Fireboat House Environmental Center, 130 East End Avenue, N.Y. 10128 (212) 289-2137.

ESSA will take you, by bus, to the National Science Teacher's Association Convention in Washington for \$30.00 round trip. Leave Friday, March 27, return Sunday, March 29, 1987.

On Memorial weekend, May 23, 24, 25, 1987, visit Mystic Seaport, Lowell and Fall River, Massachusetts.

For information about these and other trips, contact Marilyn Check, 171-16 69th Avenue, Flushing, NY 11365.

FIREBOAT HOUSE ENVIRONMENTAL CENTER

"Teachers Teaching about Energy," a new graduate level course sponsored by Fordham University, will be held this Spring.

For information, contact Rose Blaustein, 130 East End Avenue, New York, 10128 (212) 289-2137.

GATEWAY ENVIRONMENTAL STUDY CENTER



A crisp fall day is an excellent time to investigate Gateway's vast outdoor classroom where the interested teacher can enrich classroom learning with a close look at natural systems. All the sites described below offer free workshops to enable you to relate the outdoor experience to classroom instruction before and after the field trip. Depending on staff availability, some locations may offer National Park Service escorted walks. All require advance reservations for both escorted and teacher-guided walks. Call the area of your choice to arrange your October, November, or December class visit and workshop date. Book now for fall and after December 1 for winter and spring visits.

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

Introducing New Trail Guide - Exploring the Trails of Dead Horse Bay, by Maxwell (Mickey) Cohen.

Thanksgiving: The Harvest Holiday - Teacher Workshops Thursday, October 23, 3:30-5:30pm.
Materials Fee \$5.00

For information about these and other programs contact Ruth Eilenberg, GESC, Floyd Bennett Field, Brooklyn, NY 11234 (718) 252-7307 or (718) 252-8285. Gateway is a joint venture of the NYC Board of Education and Gateway National Recreation Area.

GODDARD-RIVERSIDE ENVIRONMENTAL EDUCATION PROGRAM

HELP WANTED:

Director of Environmental Education Program
Vacancy: Immediate
Duties: Administer and teach Ecology programs to Elementary Public School classes, in N.Y. City and at our field site in Rifton, N.Y. (90 miles north of N.Y.C. near New Paltz).
Salary: Negotiable
Experience/-
Education: Background in Natural Sciences and enjoy working with inner city children.
Contact: Ms. Ellen Eisenman, Supervisor of Program, (212) 873-6600, Ext. 205.



HIGH ROCK PARK CONSERVATION CENTER

High Rock Park was created in 1965 during a period of increased development on Staten Island. Concerned local residents rescued this wooded tract from the bulldozers. An environmental education program was soon established and by 1971, the center had won the recognition of the National Park Service as a National Environmental Education Landmark. Today, High Rock Park has grown to include 85 acres of unique deciduous woodland. First and foremost, it is a refuge for native plant and animal life. Six walking trails within this natural retreat encourage the visitor to explore the hardwood forest, the swamp, and glacial ponds. Trail guides and maps are available.

High rock provides an innovative outdoor science experience visiting classes. Both off-site and on-site group visits are arranged in advance through our programmer.

The Natural History Resource Room contains an excellent library with many books, journals and periodicals dealing with the environment and related subjects. The library is available for research purposes by appointment.

Special programs this fall include: "Color of Fall hike" - Sunday, October 26
"Halloween Night Hike" - Friday, October 31

For information, call (718) 987-6233 or visit: 200 Nevada Ave., Staten Island, 10306.



HUMANE EDUCATION COMMITTEE

Join more than 25 animal advocacy and educational groups for workshops, exhibits, puppet theater for children, zoomania and an awards luncheon at Animal Kind 1986.

Saturday, November 8 - 9:30am - 4:00pm
Teacher's College, 120th Street and Broadway, Manhattan

John Kominski, EEAC Steering Committee Member and Executive Assistant, Division of Curriculum and Instruction and Miriam Weiss, Science Coordinator, Bronx School District 11, will receive awards.

Copies of the Humane Education Resource Guide will be available.

For fee schedule and reservations, call (212) 410-3095.



JAMAICA BAY WILDLIFE REFUGE

The Refuge conducts guided walks every Sunday at 2pm, through November. Meet at the Visitor Center, Crossbay Boulevard in Broad Channel, Queens.

For information about this and other programs, call (718) 474-0613.

NATIONAL INSTITUTE FOR URBAN WILDLIFE

The National Symposium on Urban Wildlife will be held November 3-6 at the National 4-H Center in Chevy Chase, Maryland. The symposium will focus the attention of urban planners, landscape architects, developers, city administrators, wildlife biologists, elected officials, and others on the opportunities and need for wildlife and nature conservation in U.S. metropolitan areas. Urban forestry and fishing programs, the role of garden clubs and conservation societies, and the purpose of private and public nature preserves are among the topics to be addressed.

For further information, contact the program chairman, Dr. Lowell W. Adams, Trotting Ridge Way, Columbia, MD 21044; (301) 596-3311 or 995-1119.

NEW YORK AQUARIUM

- | | | |
|---------------------------------|---|-----------------------|
| "Sea Vegetables" | - | Sunday, October 19 |
| "Child's Play/Fish Play" | - | Wednesday, October 22 |
| "Ghost Crabs and Goblin Sharks" | - | Friday, October 31 |

For information, call (718) 266-6824.



NEW YORK CITY DEPARTMENT OF PARKS AND RECREATION

The Natural Resources Group was created in April, 1984. Since then, NRG has been studying the city's natural lands and their dynamic plant and animal communities to develop a citywide approach to managing these invaluable natural resources.

NRG's mission is five-fold:

- (1) to identify and assess all natural lands within the city;
- (2) to protect the city's natural areas and their inhabitants;
- (3) to define clear resource management policies for the future;
- (4) to enhance the educational opportunities that these lands offer New Yorkers;
- (5) to make the public aware of the importance of natural lands and the impact on them of seemingly unrelated policy decisions and land development.

NRG is currently drawing up management plans for all natural lands within the city. These plans are the first step toward preserving our natural heritage for all time.

The Country in the City is a guide to the city's wetlands, woodlands, water and meadows, revealing a New York that most residents and visitors don't know. Inwood Hill Park in Manhattan, Alley Pond Park in Queens, the Staten Island Greenbelt, Marine Park in Brooklyn and Pelham Bay Park in the Bronx are featured. Excellent maps are included.

To obtain a copy of this and other park publications and for more information regarding activities, write NRG, The Arsenal, Central Park, New York 10021 or call (212) 360-8141.

NEW YORK HALL OF SCIENCE



Science Educators Reception - Wednesday October 22 from 5-7pm. Wine and cheese, tours of the facility and socializing. Requested donation \$2.00 per person for EEAC members. For invitation contact W. Nieter (718) 990-6161 ext. 5389 (days).

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



"Woodland Opportunities" is a series of workshops devoted to teaching good forest management and protection. The sessions will be held September through November at The New York Horticultural Society, 128 West 58th Street, Manhattan.

For information and registration form, call Laurel Remus at (212) 488-2961.



NEW YORK CITY STREET TREE CONSORTIUM

Street Tree Pruning and Maintenance courses will begin this fall at:

- 2 World Trade Tower on October 15, 18, 22, 29, November 1, 5
- Horticultural Society of N.Y. on October 7, 14, 18, 21, 25, 28
- American Museum of Natural History on October 15, 22, 25, 29, November 1, 5
- Central Park Conservancy on October 9, 11, 16, 18, 23, 30
- Red Oak Apartments on October 20, 27, November 1, 3, 10
- Brooklyn Botanical Gardens on September 30, October 7, 14, 21, 28
- Prospect Park Environmental Center on October 15, 22, 25, 29 and November 5
- Queens Botanical Gardens on October 18, 25, November 1, 8
- Community Board 9Q on October 15, 22, 25, 29, November 1, 5
- Alley Pond Environmental Center on October 2, 9, 16, 18, 23
- New York Botanical Gardens on October 9, 26, November 2, 9
- Bronx River Restoration on October 15, 22, 25, 29, November 1, 5
- Staten Island Botanical Garden on October 18, 25, November 1, 8

For your application, call or write: 3 West 29th Street Street, N.Y. 10001, 6th floor, (212) 679-4481.

NEW YORK STATE MARINE EDUCATION ASSOCIATION



Creatures and the Sea Poster Contest

- Rules: (1) Contest is open to all students in the U.S. grades K-12.
(2) Poster size 16" x 24" in color.
(3) Each entry should include (on the back) student's name, birthdate, address and phone number, teacher's name, school and school address.
(4) Entries should be postmarked by December 15, 1986 and sent to:

NYSMEA
P.O. Box 705
Mineola, NY 11501

NYSMEA will once again add sparkle to your winter by conducting their annual Abrams Student Conference in January, 1987. A great conference is in the planning stages. Your input is desired. Do you have suggestions or comments? Would you like to serve on a committee, organize student presentations or make a presentation yourself? Contact Lou Siegel, Beach Channel H.S., 100 Beach Channel Drive, Rockaway Park, 11694 or call (718) 945-6900.

NON-PROFIT COMPUTING GROUP

Could your organization use advice on your computer or would you like to learn more about what you could do with one? The Nonprofit Computing Group (NPC) can help. NPC supports non-profit organizations' use of computers, holds monthly computer clinics and workshops, matches volunteers with non-profit organizations and manages donations of hardware, software, training and training materials.

NPC's schedule includes the following events, all at NO CHARGE to participants:

Computer Workshops - Once a month, BY RESERVATION ONLY, at Community Service Society of New York (CSS), 105 East 22nd Street, 6:00pm New Users, 6:30pm-8:30pm Workshop; Call Joanne Malbin, Technical Assistance Clearinghouse, CSS, (day) 212/614-5421.

Clinics: - Every second Wednesday, 6:30pm, PC Executive Training Center, 450 Seventh Avenue, Suite 809; an open forum.

Volunteers: - The TA Clearinghouse is a computerized data base which contains both non-profits in need of assistance and the names of technical assistance providers. NPC members who wish to help non-profits with computer problems are available through this data base. Contact Joanne Malbin, 212/614-5421.

NEWS FROM...



POCONO ENVIRONMENTAL EDUCATION CENTER

Fall marks the beginning of the majestic migration of hawks and eagles of the Northeast. PEEC will celebrate this display with a Hawk Migration Weekend, October 31-November 2, 1986. The cost is \$59.00 and includes meals, lodging and program.

Other special events for fall/winter 1986-87 are:

October 31	-	November 2	-	Computer Graphics Workshop
October 31	-	November 2	-	Teacher/Leader Activity Development Workshop
November 7	-	November 10	-	Family Weekend
November 21	-	November 22	-	Photo Seminar
December 5	-	December 7	-	Computer Workshop for Teachers
January 9	-	January 11, 1987	-	In Search of Eagles
January 9	-	January 11	-	Computer Graphics Workshop

For additional information, write PEEC, R.D. 1, Box 268, Dingmans Ferry, PA 18328 (717) 828-2319.



PROSPECT PARK ENVIRONMENTAL CENTER

The following is a sample of PPEC's exciting fall schedule of events:

"Social History of Sunset Park"	-	Saturday, October 11
"Trail of the Waters"	-	Sunday, October 19
"Under the Green-Wood Trees"	-	Saturday, October 25
"Gowanus Canal: More Than Just Garbage"	-	Saturday, November 8
"Restoring Olmstead's Vision"	-	Saturday, November 15



All walks begin at 1:00pm. The fee is \$2.00 adults, \$1.00 children. Pre-registration is not required.

"Brooklyn's Open Spaces" - a bus tour on Sunday, November 16, 10am-4pm. Registration required.

Trail of the Waters is a new self-guided walking tour of the water course of Prospect Park. Follow the Trail of the Waters from the Pools, along the Ambergill, through the Ravine into the Nethermead and along the twisting Lullwater into the Lake. The watercourse lends an active element, a line thread and a clear sequence to the unfolding of the park landscape.

For additional information, call (718) 788-8500 or write to PPEC, Picnic House, Prospect Park, Brooklyn, 11215.



PROTECTORS OF PINE OAK WOODS

Join Protectors for a 10 mile, circular, autumn hike along the Greenbelt on Saturday, October 18, 1986.

For information about this, and other programs, write: PPOW, 80 Mann Avenue, Staten Island, N.Y. 10314.

SCIENCE TEACHERS ASSOCIATION OF NEW YORK STATE

The Annual Conference will be held November 2-4, 1986 at the Nevele Hotel, Ellenville, NY. Scientist and explorer Robert Ballard, of the Woods Hole Oceanographic Institute will describe the discoveries made by his research expeditions, including the Titanic, and the techniques and equipment that made it possible. For more information, contact: Mr. Harold Miller, Building A, Apt. 20B, 2449 Union Boulevard, Islip, NY 11751.

STATEN ISLAND GREENBELT



A new Visitor's Guide to the Greenbelt provides maps, photos and descriptions of the Greenbelt natural history, vegetation, freshwater and tidal wetlands, woodland communities, developed and disturbed areas. Seasonal attributes and historical aspects are also featured. To obtain a copy, send 25¢ and a SASE to: The Greenbelt Administrator's Office, 200 Nevada Avenue, Staten Island, NY 10306.



STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

Stuart R. Lowrie, Ph.D., botanist and information systems manager, has been appointed the Curator of Science at the Staten Island Institute of Arts and Sciences. Dr. Lowrie's responsibilities encompass all aspects of science-related work at the Institute, including exhibition and program development, the day-to-day operation of High Rock Park Conservation Center, and the environmental programs at all SIIAS natural area. He is also editor of the SIIAS Proceedings, and liaison to the Office of the Greenbelt Administrator.

The Staten Island Institute of Arts and Sciences is a cultural and educational institution, founded in 1881 "to build, maintain, make publicly accessible and interpret collections in the fine arts, natural science and history, particularly as related to Staten Island and its people..." Through a unique combination of resources, SIIAS works to promote, protect and enhance our cultural and environmental heritage. SIIAS administers the Staten Island Museum, High Rock Park Conservation Center, the William T. Davis Wildlife Refuge, Evergreen Park, and Reed's Basket Willow Swamp. The Institute's collections provide an unusually complete record of the cultural and natural history of an American community.



TRUST FOR PUBLIC LAND

TPL has prepared three papers on community gardening and urban open space protection issues for The President's Commission on Americans Outdoors, the national committee appointed to review open space issues. The following are available (free of charge) from TPL: "Clinton Community Garden and Urban Open Space Programs," "Incorporating Community-run Open Spaces Into Urban Parks Systems," and "A Methodology for Establishing Urban Greenbelts and Greenways."

If you would like a copy of any of these case studies, call Evelyn Lee at (212) 677-7171.

WAVE HILL

Habitat Restoration Symposium
Thursday, October 30
9am-4pm

- Ecological Implications of Maintenance and Restoration of Urban Natural Areas, Dr. Mark McDonnell
- Habitat Creation and Re-Introduction of Wildlife, Don Riepe
- Large Scale Propagation of Native Plants, William Brumback
- A Broad View of Restoration, Leslie Sauer
- Herbicide: Their Use to Control Undesired Plants

Morning coffee and lunch will be served.

Fee - \$40.00

675 West 252nd Street, Bronx, NY
(212) 549-2055



I would like to take this opportunity to thank the ALLEY POND ENVIRONMENTAL CENTER for their support in the production of this newsletter. Special thanks go to PINA QUERCIA, from APEC, for typing (and re-typing) all of the articles. She, as usual, has done a beautiful job. Also, thank you CAROL NEHR, LISA COHEN and MARTY FRADIS for your editorial/graphic art suggestions and comments. The final link, the printing of this issue (and all of our past issues) has been generously provided by CON EDISON. Thank you, thank you, thank you. We could not have done it without you.

Thank you PATTY REILLY, Gateway National Recreation Area and Pat MCMORROW, APEC, for helping to prepare and mail our Fall Fly-In program announcement. And, to the staff of the JAMAICA BAY WILDLIFE REFUGE, thank you for hosting our September membership meeting.

The Editor

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 New York City 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 - 1986 - EEAC

☐ 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

We would not think much of a builder who started to erect a cathedral without a plan. He might make a considerable collection of stones, but the more stones he piled around himself the more he would be confused. Making the most of one's life is like building a cathedral. If one does not stop to consider his life as a whole and to make plans for his growth and happiness, he cannot expect to look back when he nears the end of his three score years and ten with any great satisfaction and peace of mind. What kind of a life do I want for myself, my family, and my neighbors?

The schools, which are a mighty power in the land with their thirty-million students, sought to answer this question in terms of the areas of emphasis in education:

1. Health and safety
2. Worthy home membership
3. Mastery of the tools, technics, and spirit of learning
4. Citizenship and world goodwill
5. Vocational and economic effectiveness
6. Wise use of leisure
7. Ethical character

The circumstances of our age bring to us for the first time in human history the possibility of leisure for all. Leisure should mean abundant outdoor life, much attention to the fine arts, and rich family and neighborhood companionship. The majesty of clouds and stars, to the companionship of sun and wind and rain, to the might of the mountains, the glory of the sea, and the sweet music of running waters. All these things we should teach ourselves to memorize even as we memorize the verses of beautiful poems. To recall the image of a gorgeous sunset can change the inner atmosphere of the darkest day and to remember the scenes that have quickened our spirits is to get a new grip on life. The great things of life belong to us all if we will but learn to receive them.

- from The Camping Magazine - November, 1936



Environmental Education
Advisory Council (EEAC)
434 Avenue of Americas
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New York, NY 10011