

LONG ISLAND BOTANICAL SOCIETY NEWSLETTER

Vol. 9, No. 5

Nov. - Dec. 1999

Preliminary Atlas of the Platanaceae through Myricaceae of Long Island, New York

The Flora Committee
Long Island Botanical Society

This sixth contribution to an atlas of Long Island plants treats 37 species included in eight families: 1) Platanaceae, the Plane-tree Family, 2) Hamamelidaceae, the Witch Hazel Family, 3) Ulmaceae, the Elm Family, 4) Cannabaceae, the Indian Hemp Family, 5) Moraceae, the Mulberry Family, 6) Urticaceae, the Nettle Family, 7) Juglandaceae, the Walnut Family, and 8) Myricaceae, the Bayberry Family.

Fourteen of the 37 species included in this treatment are non-native species (= alien). *Platanus x hybrida* is referred to as *Plananus x acerifolia* in Flora of North America (FNA); it is a common street tree in NYC but rarely, if ever, escapes. *Celtis occidentalis* and other members of the genus recently have been placed in a proposed new family Celtidaceae, the Hackberry Family. *Ulmus minor* is reported as *U. procera* in FNA, whereas *U. minor* is not reported as verified in North America. *Urtica dioica* subsp. *gracilis* is known as *U. dioica* var. *procera* at the varietal level. *Parietaria judaica* has long been known as *P. officinalis*, a name that was misapplied. *Carya ovalis* was not recognized as being distinct from *C. glabra* in FNA. *Juglans cinerea* is being attacked by the butternut canker which is killing trees throughout its range. *Myrica cerifera* has been reported from Queens but we have no verified voucher specimens.

Highlights

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Key to Map Symbols

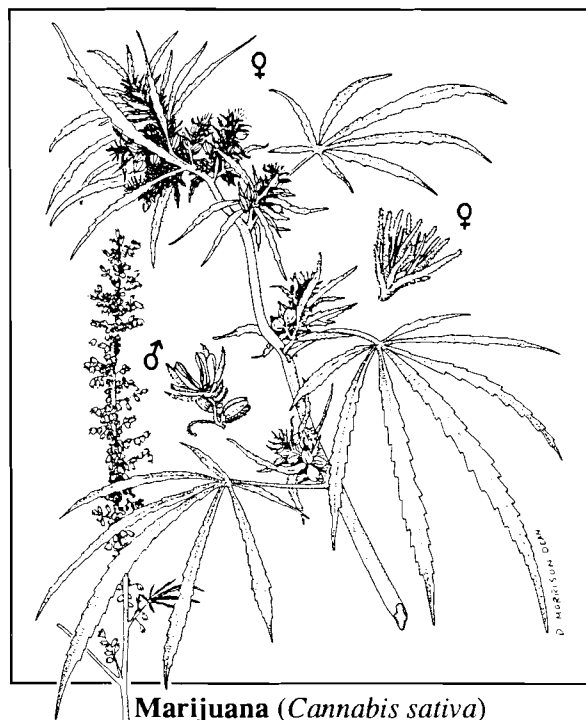
Closed circle [●] = there is a specimen for this area collected after 1980.

Open circle [○] = there is a specimen for this area collected before 1980.

Closed square [■] = there is a specimen from this area collected before 1980 and a report (based upon a visual sighting or published literature report) from this area after 1980.

Closed triangle [▲] = there is a report (based upon a visual sighting or published literature report) from this area after 1980.

Open triangle [△] = there is a report (based upon a visual sighting or published literature report) from this area before 1980.

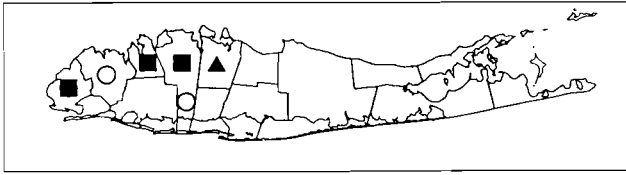


Marijuana (*Cannabis sativa*)

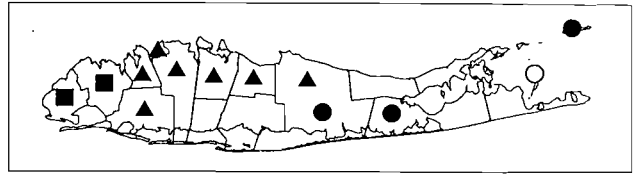
An important economic plant grown widely for fiber, oil and drug content. Occurs on L.I. as an escape from cultivation. Illustration from Mitchell, 1988.

Maps

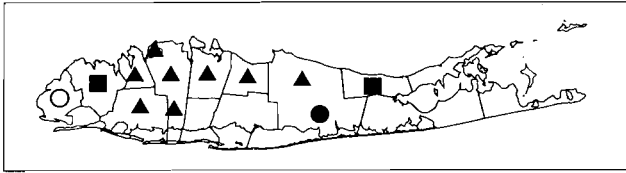
PLATANACEAE



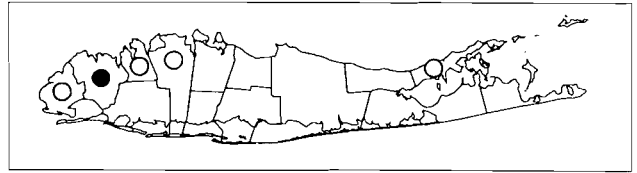
Platanus x hybrida London Plane-tree
Alien



Ulmus americana American Elm
Native

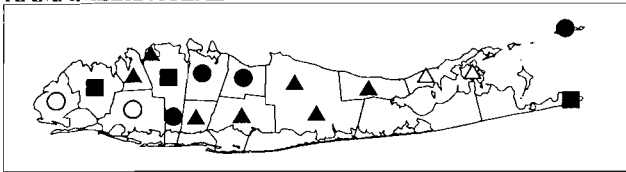


Platanus occidentalis Sycamore
Native



Ulmus glabra Wych Elm
Alien

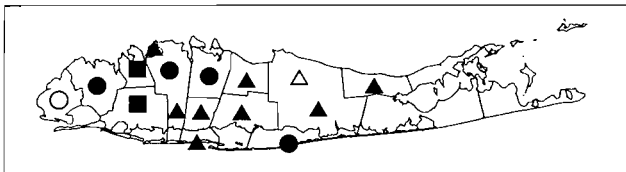
HAMAMELIDACEAE



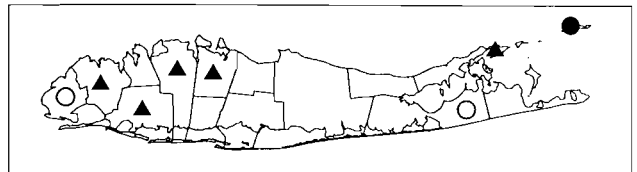
Hamamelis virginiana Witch-Hazel
Native



Ulmus minor English Elm
Alien

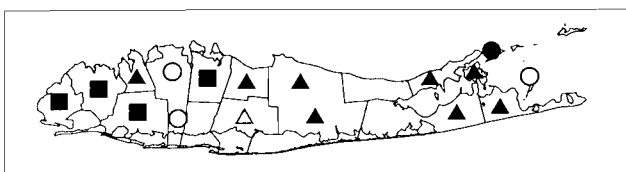


Liquidambar styraciflua Sweet-gum
Native

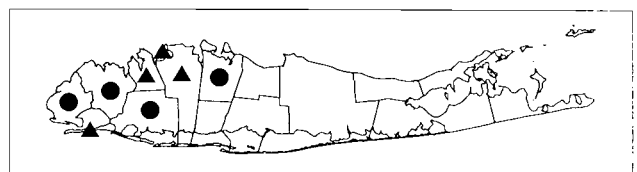


Ulmus pumila Dwarf Elm
Alien

ULMACEAE



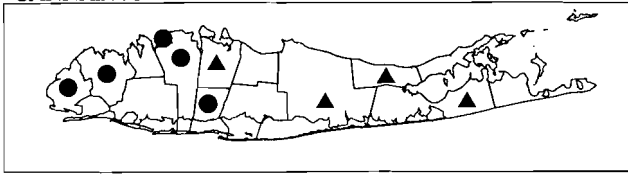
Celtis occidentalis Hackberry
Native



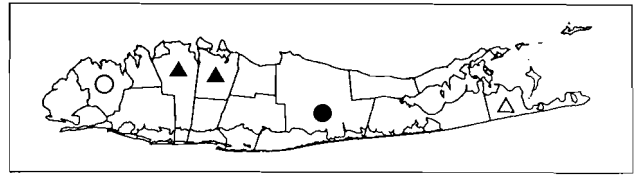
Ulmus rubra Slippery Elm
Native

Maps

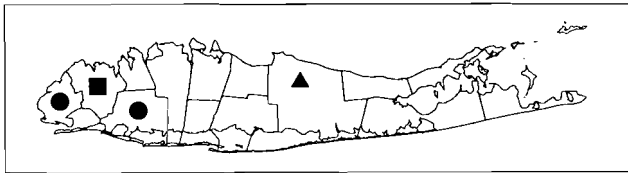
CANNABACEAE



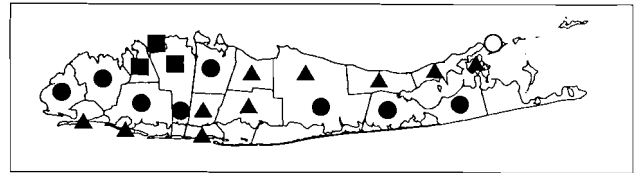
Cannabis sativa Hemp
Alien



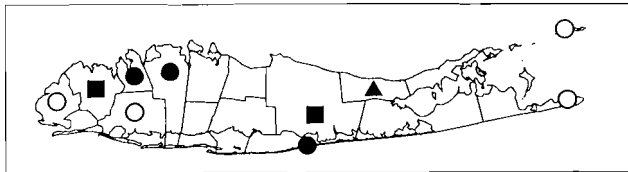
Maclura pomifera Osage Orange
Alien



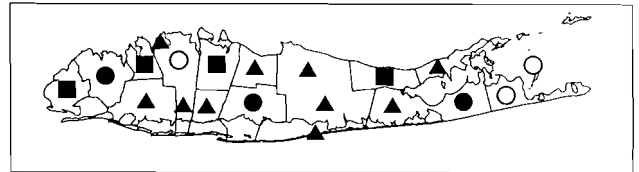
Humulus japonicus Japanese Hop
Alien



Morus alba White Mulberry
Alien



Humulus lupulus Common Hop
Native & Alien

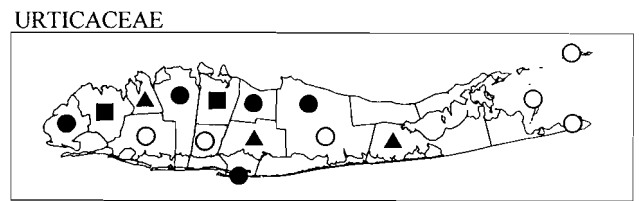


Morus rubra Red Mulberry
Native

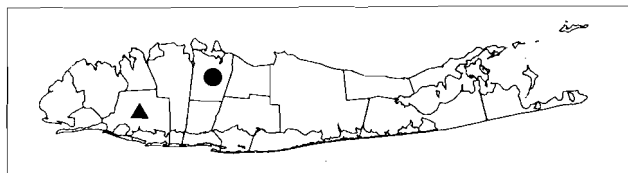
MORACEAE



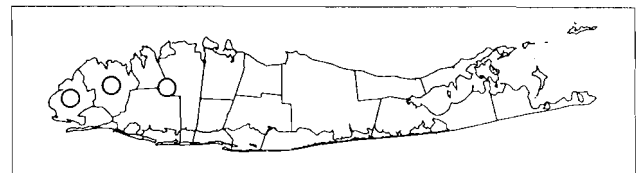
Broussonetia papyrifera Paper Mulberry
Alien



Boehmeria cylindrica False-nettle
Native

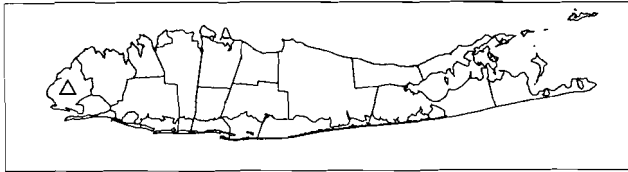


Ficus carica Fig
Alien

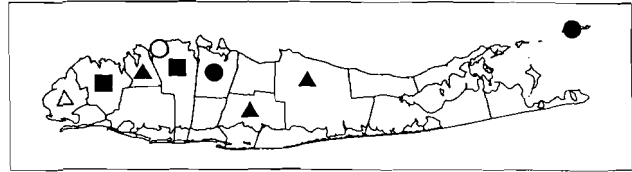


Laportea canadensis Wood-nettle
Native

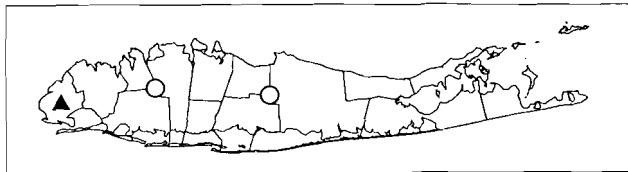
Maps



Parietaria judaica Pellitory
Alien



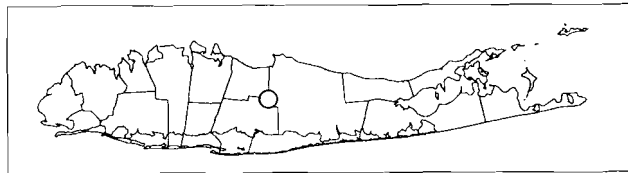
Urtica dioica ssp. gracilis Stinging Nettle
Native



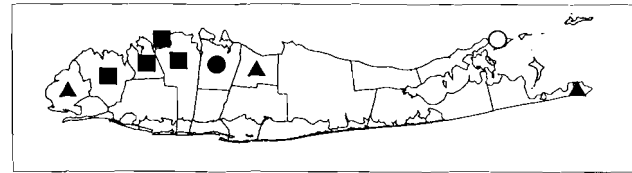
Parietaria pensylvanica Pellitory
Native



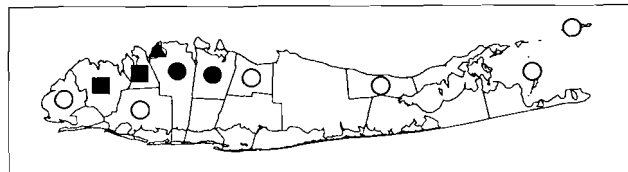
Urtica urens Burning Nettle
Alien



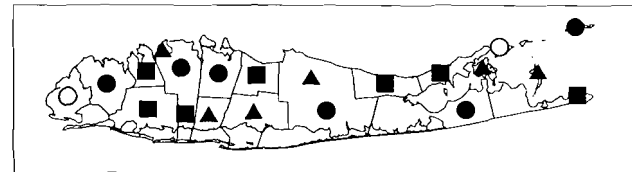
Pilea fontana Clearweed
Native



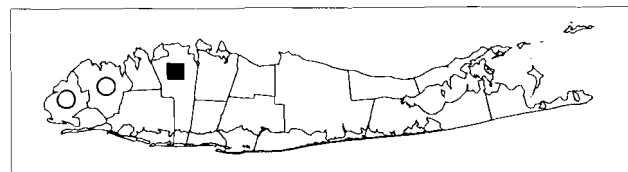
JUGLANDACEAE
Carya cordiformis Bitternut
Native



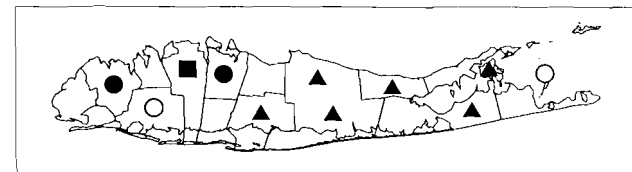
Pilea pumila Richweed
Native



Carya glabra Pignut
Native

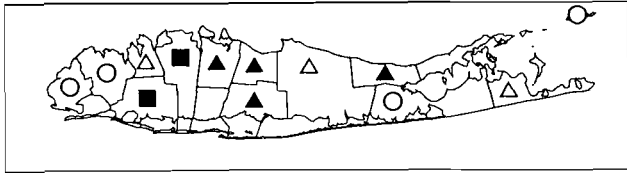


Urtica dioica ssp. dioica Stinging Nettle
Alien



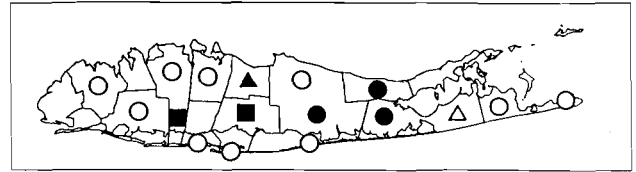
Carya ovalis Sweet Pignut
Native

Maps



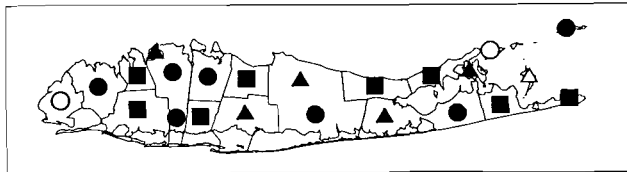
Carya ovata
Native

Shagbark



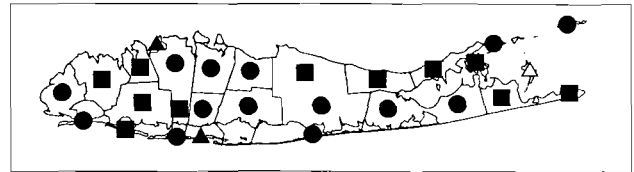
Myrica gale
Native

Sweet-gale



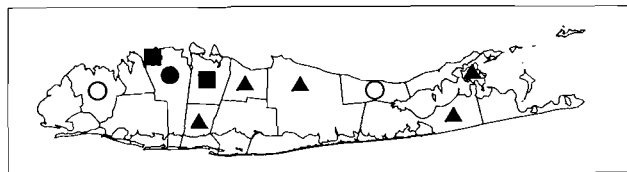
Carya tomentosa
Native

Mockernut



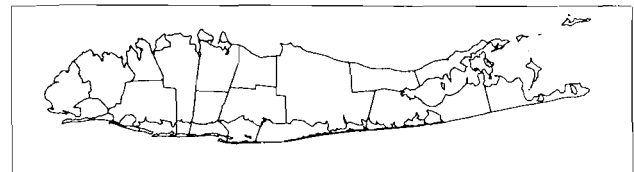
Myrica pensylvanica
Native

Bayberry



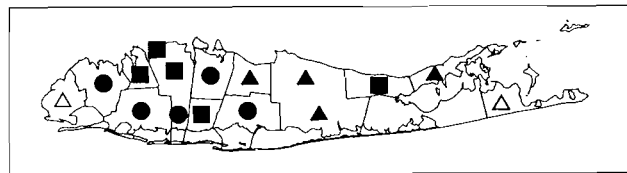
Juglans cinerea
Native

Butternut



Juglans nigra
Native

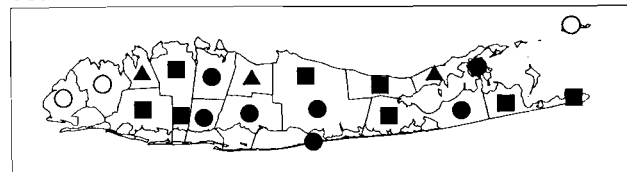
Black Walnut



Comptonia peregrina
Native

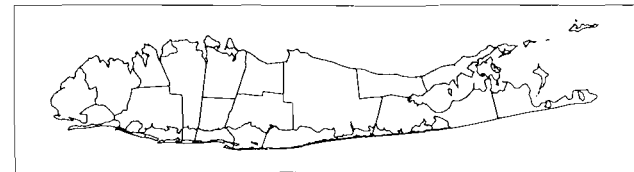
Sweet-fern

MYRICACEAE



Comptonia peregrina
Native

Sweet-fern





**The Coalition to Save
the Grandifolia Sandhills**

ACT Now

East End Forever

Environmental Justice Committee
of St. John the Baptist

Group for the South Fork

League of Women Voters of Suff. Co.

Long Island Botanical Society

Long Island Chapter of Sierra

LI Greenbelt Trail Conference

Long Island Pine Barrens Society

Long Island Hummingbird Society

Marlwood of Baiting Hollow

Moriches Bay Audubon Society

Native America

NY League of Conservation Voters

North Fork Audubon Society

North Fork Environmental Council

Open Space Council

Save the Sandhills

Save Open Space Now

Soundkeeper

South Shore Audubon Society

Resolution

Whereas, the Grandifolia Sandhills, located in the hamlet of Baiting Hollow in the Town of Riverhead, Suffolk County, New York, is comprised of at least four natural ecological communities that have been identified by New York Natural Heritage Program (NYNHP); and

Whereas, the maritime beech forest and the pitch pine dune woodland have been designated as globally rare by NYNHP; and

Whereas, the coastal oak-beech forest and maritime dune-land have designated as rare in New York by NYNHP; and

Whereas, the Defriest Blowout supports all four of the rare Heritage-ranked natural ecological communities; and

Whereas, the Grandifolia Sandhills supports a number of plant and animal species that occur nowhere else or in as great abundance on Long Island; and

Whereas, the Grandifolia Sandhills possesses unique geological features that are exemplary of a migrating dune system perched upon a coastal bluff; and

Whereas, active and dynamic geologic processes at the Grandifolia Sandhills occur at the Defriest Blowout; and

Whereas, in recognition of the remarkable assemblage of natural ecological communities, rare and endangered plants and animals, and the unique geological features; and

Whereas, both the State of New York and Suffolk County have been actively pursuing acquisition of the entire Grandifolia Sandhills .

Therefore, be it resolved that for the above referenced reasons the Coalition to Save the Grandifolia Sandhills strongly endorses the preservation of the entire 250 acre Grandifolia Sandhills site.

Unanimously Passed July 15, 1999

Plant Sightings

Seabeach Amaranth on L.I. 1999 was a Banner Year

Stephen Young
(N.Y. Natural Heritage Program)

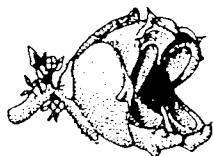
A total of just under 19,500 plants of the federally threatened Seabeach Amaranth (*Amaranthus pumilus*) were counted on Long Island beaches this year. Annual counts have taken place on Long Island since 1990 when the plant was rediscovered and this year's count is the highest ever, far surpassing the 8600 plants in 1998. Most plants are concentrated at three sites in central Suffolk, western Nassau and eastern Queens counties but plants are found east to Westhampton Island.

Because North and South Carolina plants have suffered from numerous recent hurricanes, Long Island is the current stronghold for this plant at the moment. North Carolina botanists had counted only 19 plants this year before they were washed away by Hurricane Dennis. All of the Long Island counts in 1999 were conducted before tropical storm Floyd impacted most of our Seabeach Amaranth habitat.

Society News

Save The Sandhills - Update

No action has been taken by the Town of Riverhead or by the Suffolk County Planning Department in determining whether to grant a change of zone to the Talmage property wherein lies the Grandifolia Sandhills. Although funds to purchase the Sandhills have been allocated by New York State and Suffolk County, the Talmage family and partners refuse to work with the environmental community in an effort to preserve this globally rare ecosystem.



Executive Board Meeting

A meeting of the Executive Board will be held on 9 November 1999 at 6:15 pm (before the monthly meeting and program) at the Museum of Long Island Natural Sciences, Room 137, SUNY at Stony Brook. All members are welcome.

LIBS Elections 1999

The Nominating Committee has submitted the following slate of candidates to serve as officers during 2000 and 2001:

President.....Eric Lamont
Vice President.....Skip Blanchard
Treasurer.....Carol Johnston
Recording Secretary.....Barbara Conolly
Corresponding Sec'y.....John Potente

Elections will take place during the monthly meeting of 9 November 1999. As stated in the by-laws, chairpersons of each committee are not voted into office, but appointments are confirmed by the Executive Board.

Vincent Puglisi, Chairperson
Nominating Committee

New Members

The Long Island Botanical Society is pleased to welcome the following 29 new members during 1999:

Sophia Adler, Southold; **Ann & Bill Ash**, Brooklyn; **Elizabeth & Thomas Backel**, Baiting Hollow; **William P. Bowman**, Rocky Point; **Nancy Colburn**, Westbury; **Mr. & Mrs. Frank Cottone, Jr.**, Baiting Hollow; **Catherine Di Paola**, Miller Place; **Wei Fang**, Stony Brook University; **Eileen Gerle**, Riverhead; **Suzanne Gilbert**, Riverhead; **Jack Haley**, Farmingdale; **John Haley**, Farmingdale; **Otto Heck**, Stockton, NJ; **Judith Hoyer**, Franklin Square; **Valerie Imbruce**, East Patchogue; **Anthony J. Lauro**, Cutchogue; **Mr. & Mrs. Bohdan Lazoryk**, Baiting Hollow; **Frederick Meier**, Little Neck; **Wayne Morris**, Long Island City; **Helen & Joseph Orenstein**, Coram; **Lyle Peters**, Muttontown; **Laurel Sisson**, Riverhead; **David Taft**, Glendale.

LONG ISLAND BOTANICAL SOCIETY

Founded: 1986; Incorporated: 1989.

The Long Island Botanical Society is dedicated to the promotion of field botany and a greater understanding of the plants that grow wild on Long Island, New York.

President	Eric Lamont
Vice President	Skip Blanchard
Treasurer	Carol Johnston
Rec'rd Sec'y	Barbara Conolly
Cor'sp Sec'y	John Potente
Local Flora	Steven Clemants
Field Trip	Allan Lindberg
	Tom Meoli
Program	John Potente
Membership	Lois Lindberg
Conservation	John Turner
	Karen Blumer
Education	Mary Laura Lamont
	Thomas Allen Stock
Hospitality	Betty Lotowycz
	Jane Blanchard
Editor	Eric Lamont

Membership

Membership is open to all, and we welcome new members. Annual dues are \$10. For membership, make your check payable to LONG ISLAND BOTANICAL SOCIETY and mail to: Lois Lindberg, Membership Chairperson, 45 Sandy Hill Road, Oyster Bay, NY 11771-3111

PROGRAMS

9 November 1999 - 7:30 pm*

Dr. Stuart Lowrie

(The Nature Conservancy)

"Botanical Travelogue of Three Continents"

Location: Museum of L.I. Natural Sciences,
Room 137, SUNY at Stony Brook

14 December 1999 - 7:30 pm*

Prof. Steven Englebright

(SUNY at Stony Brook)

**"Geology of the Grandifolia Sandhills,
Long Island, New York"**

Location: Museum of L.I. Natural Sciences,
Room 137, SUNY at Stony Brook

*Refreshments & informal talk begin at 7:30pm, the meeting starts at 8pm. For directions to MOLINS, please call 516-632-8230.

LONG ISLAND BOTANICAL SOCIETY

c/o Muttontown Preserve

Muttontown Lane

East Norwich, New York 11732

