

Connecticut College

## Digital Commons @ Connecticut College

---

Annual Reports

Connecticut College Arboretum

---

2006

### Arboretum Annual Report, 2006

Connecticut College

Follow this and additional works at: <https://digitalcommons.conncoll.edu/arbreports>

---

#### Recommended Citation

Connecticut College, "Arboretum Annual Report, 2006" (2006). *Annual Reports*. 2.  
<https://digitalcommons.conncoll.edu/arbreports/2>

This Annual Report is brought to you for free and open access by the Connecticut College Arboretum at Digital Commons @ Connecticut College. It has been accepted for inclusion in Annual Reports by an authorized administrator of Digital Commons @ Connecticut College. For more information, please contact [bpancier@conncoll.edu](mailto:bpancier@conncoll.edu).

The views expressed in this paper are solely those of the author.



CONNECTICUT COLLEGE 2006  
*arboretum annual report*



*Caroline Black Garden, circa 1930*

*Cover photograph, Leaf Under Ice, by Jeff Sims*

# Mission

**THE CONNECTICUT COLLEGE ARBORETUM** is owned by Connecticut College and operated for the benefit of the College and the community. The Arboretum functions in support of the College's mission by helping to prepare men and women for a lifetime of learning about and interacting with the natural world. The mission of the Connecticut College Arboretum is:

**TEACHING** — To provide an outdoor laboratory for use by faculty and students in botany, biology, environmental studies and other departments. In both teaching and research the Arboretum is a unique and valuable academic resource and support facility.

**RESEARCH** — To support and conduct research in a broad range of subjects including ecology, field biology, conservation and natural history. Arboretum research emphasizes long-term studies.

**CONSERVATION** — To provide stewardship of College lands by protecting, sustaining and enhancing biological diversity of large tracts of open space. The Arboretum also provides leadership statewide and beyond in conservation matters.

**COLLECTIONS** — To maintain, develop and interpret well-documented plant collections for teaching, research, public education and enjoyment.

**RECREATION** — To provide a place where people from the College and the community may enjoy passive recreation and where they may come to learn, reflect and renew themselves through contact with the natural world. The Arboretum enhances the quality of life both for the College and the citizens of southeastern Connecticut.

**PUBLIC EDUCATION** — To provide programs and publications about conservation, horticulture, gardening, botany and natural history, which enhance people's understanding of the natural world and foster an understanding of the Arboretum's mission.

# director's letter

**THE VERY FIRST ARBORETUM EVENT** that I participated in was the 50th anniversary celebration held at the Outdoor Theater and Buck Lodge on June 6, 1981. I had just finished my first semester as Bill Niering's graduate student and attended the event with my wife and two young sons. I recall horticulturist Dr. Richard Jaynes speaking about Mountain Laurels, and he donated the nucleus of our Shain Memorial Mountain Laurel Collection at that time.

The amazing thing is that I never left! Here I am, the Arboretum director, helping everyone celebrate our 75th Anniversary. This time around, we split the festivities between Reunion weekend and the annual Members and Friends Night. At Reunion, I presented a lecture on the history of the Caroline Black Garden, which had been officially assimilated into the Arboretum over the past quarter century. Professor Robert Askins led a panel discussion with three distinguished biology alumni that focused on how their experiences in the Arboretum helped to shape their career paths. Alex Brash '81, Jason Greer '86 and Varun Swamy '01 each had interesting and inspiring stories to share. This was followed by an anniversary reception at the Shain Library's Arboretum history exhibition that featured photographs, publications and artifacts from the College's archive. A special aspect was a series of movies of the Arboretum and campus shot in the early 1930s by Dr. George Avery, first Arboretum director. Also on display were botanical paintings by artist Cynthia Padilla. Honored Guests included Director Emeritus Richard Goodwin, Professor Emeritus of Botany Sally Taylor, and Professor Emeritus of Chinese Charles Chu. Our staff, volunteers and members were joined by many alumni, who fondly recalled their years at school and in the Arboretum. The weekend also included a guided walk through the Caroline Black Garden, a family tour led by ARBO Project student volunteers and a Sunday morning walk in the Native Plant Collection.

The celebration continued the next weekend when more than 100 people packed the big Olin lecture hall during our annual Friends and Members night. First, Sally Taylor and Dick Goodwin took the podium to share memories about their days operating the Arboretum and teaching botany. Next University of Connecticut Professor of Geology Robert Thorson gave a great talk on New England's stone walls. Finally, we adjourned to the lobby to view the results of the annual photography contest and taste the Arboretum birthday cake.

As a way of honoring and remembering Arboretum history, I have placed some historic photos of people and places into the various sections of this report. I hope you enjoy both the summary of 2006 and the glimpses of days gone by. Onward to 100!



*Charles and Sarah P. Becker '27 Director Glenn Dreyer with Arboretum 75th birthday cake.*



*Clockwise from top:*  
*Professor Emeritus of Botany Sally Taylor speaks at the Annual Members and Friends Night*  
*Professor Caroline Black*  
*Director Emeritus Richard Goodwin, right, and Professor Emeritus Charles Chu at anniversary reception*  
*L to r Professor Robert Askins, Alexander Brash '81, Varun Swamy '01, Jason Greer '86*  
*Former Arboretum Directors (l-r) Richard Goodwin, William Niering and George Avery at the Arboretum's 50th Anniversary Celebration, 1981.*  
*Anniversary celebration at Members and Friends Night*





# education

**UNDER THE LEADERSHIP** of Assistant Director Kathy Dame, each year the Arboretum presents a rich and varied public education program. Lectures, guided walks, field trips, conferences and workshops are developed around the themes of the environment, natural history and horticulture. During 2006, the following programs attracted nearly 1,000 participants.



*Author and publisher Paul Tukey  
addressed the SALT Symposium*





## Spring

“Native Landscape Design: Reality versus Perception,” the 16th Annual New Directions in the American Landscape Symposium for professional designers.  
“Winter Tree ID,” workshop, Supervisor of Grounds James Luce  
“The Rose, the Lily and the Whortleberry,” Orlando Consorts (co-sponsored with onStage at Connecticut College)  
“Last Child Left in the Woods,” book discussion, Kathy Dame  
“Spring Emerging,” walk, Glenn Dreyer  
“Designing Your Home Grounds,” four-part landscape design course, Curator Mary Villa  
“Children’s Literature and Nature,” professional development workshop for educators  
“Spring Pruning,” workshop, James Luce  
“Soil is Not Dirt: Soil Science in 3D,” seminar, Robert Rafka, chemist  
“Tell Me a Story,” Earth Day celebration for children, Kathy Dame and Caroline Driscoll  
“Annual Wildflower Walk,” Glenn Dreyer and Arboretum Horticulturist Jeff Smith  
“Woodland Wildflowers,” after-school special for children, Caroline Driscoll  
“Pink Queen Anne’s Lace,” lecture/workshop, Judith Gasparino

## Summer

Annual Members and Friends Night, celebrating the Arboretum’s 75<sup>th</sup> anniversary  
“Stone Walls: Their Role in Human Ecology, Woodland Habitat, and Cultural History,” University of Connecticut Professor of Geology Robert Thorson  
“Arboretum History,” exhibit in Shain Library, Glenn Dreyer  
Plant-buying trip for members only, Prides Corner Farms, Lebanon, Conn.  
“Painting and Drawing on Tradition,” workshop, Cynthia Padilla, artist and illustrator  
“Bonsai and Asian Arts Festival,” cosponsored by the China Trade Bonsai Society  
“Meaning of Flowers in Chinese Art,” lecture, Noelle O’Connor, art historian  
“Protecting Long Island Sound’s Marine Mammals and Sea Turtles,” Heather Medic, Mystic Aquarium & Institute for Exploration  
“Summer Meadows in Bloom,” walk, Glenn Dreyer

## Autumn

“Wine As You Like It,” lecture/demonstration, Louise Fabrykiewicz, naturalist  
“Printing with Plants,” workshop, Noelle O’Connor  
“Name that Tree — Tree ID Workshop,” James Luce  
“The Pumpkin Circle: Storytelling and Crafts for Children,” Kathy Dame, Caroline Driscoll, and Slavina Georgieva ’07  
“Annual Fall Foliage Walk,” Glenn Dreyer  
“Inspired by Nature” – SALT Symposium:  
“Organic Lawns: Seeing is Believing,” Paul Tukey, author and publisher  
“John Bartram: A Curious Man and his Plants,” Noelle O’Connor, art historian  
“Meadows and Myths: What Works and What Doesn’t,” Mike Nadeau, landscaper  
“Enhancing Seasonal Habitat for Songbirds, Hummingbirds, and Butterflies with Native Plants,” Peter Picone, wildlife biologist, Connecticut Department of Environmental Protection  
“A Chemist Looks at Compost,” lecture/workshop, Robert Rafka  
“Creating Holiday Ornaments from Nature,” workshop, Kathy Dame and volunteers  
“Say it with Herbs,” gift-making workshop, Carol Gauthier, health and life skills teacher  
“Creating Holiday Wreaths,” workshop, Mary Villa and Senior Groundsperson Chip McIlwain

*Participants in 1949 Civic Planting Conference on the Laurel Walk*



*Clockwise from top left:*  
*University of Connecticut Professor Robert Thorson talked about stone walls at Members and Friends Night*  
*Holiday ornament making workshop*  
*Noel O'Connor lectured at the Bonsai and Asian Art Festival*  
*A slide from Mary Villa's Landscape Design series*  
*Visitors to the Bonsai and Asian Arts Festival*  
*Caroline Driscoll leads an Earth Day event for children*





Dry Slope



Woodland

- Plants should be chosen based on characteristics of soil and location of garden.

- Soil conditions to think about:
  - Dry, wet, or average
  - Acidic, sweet, or neutral

- Where is your garden?
  - Sun, partial shade, or full shade

# outreach

THE ARBORETUM'S seventh annual photo contest and exhibition, "Capturing the Beauty of Nature," attracted many participants. Each year the quality of the submissions seems to improve, making the job of the volunteer judges that much more difficult. Many thanks to judges Professor of Biology Robert Askins, Director of Publications Lisa Brownell and artist Wendy Rappaport for choosing the following winners:

## *Adult Category*

1st Prize — Robert Baldwin for "Spring in the Arboretum"  
2nd Prize — Bruce Berlow for "Reflecting Pond"  
3rd Prize — Jeff Sims for "Emerging Moss"  
Honorable Mention — Mark Braunstein for "Three Deer at Sunrise"  
Honorable Mention — Candice Chambers for "Still Waters"  
Honorable Mention — Denise Davies for "Dew"

## *Teen Category*

1st Prize — Sara Sargent for "Curving Trees and Ice Light"  
2nd Prize — Charles Salvatore for "Pondside Daffodil"  
3rd Prize — Samantha Hatch for "Taking it All In"

## *Child Category*

1st Prize — Taylor Campbell for "Rocks"  
2nd Prize — Joseph Lyle Jim Corbett for "I thought It Was Moss"  
3rd Prize — Eric Sargent for "Frozen Leaves"  
Honorable Mention — Hanne Boyer for "Sunset on the Water"  
Honorable Mention — Anna McKinstry for "Tree Lines"  
Honorable Mention — Alex Mendez for "Sleepy Hollow"

## *Plant Sales*

The vast majority of the plants at our spring plant sale, held the day before Mother's Day, were in bloom, making for many wonderful gifts. Garden ornaments, benches, fountains and other items were also for sale. After years of fall plant sales, this was the first spring sale. It was located on the green just south of the main entrance to the College. Mary Villa did a great job directing the creation of floral displays, and many volunteers pitched in for a successful sale.

Our fall plant sale was greatly reduced in scope due to a lack of sufficient sales in recent years. During the college's Fall/Family weekend, the Arboretum offered chrysanthemums and pumpkins on the patio in front of the Crozier-Williams College Center.

## *Tours*

This was the 11th year of our free public Sunday afternoon tours, led by our dedicated corps of volunteer docents. Tours were offered from the first Sunday in May through the last Sunday in October. Different weeks featured tours of either the Caroline Black Garden, the campus landscape or the Native Plant Collection. The Arboretum also offered private tours to groups, such as garden clubs, senior citizens groups and classes from other colleges. A total of approximately 250 people participated in organized tours of the Arboretum this year.

## *ARBO Project*

The ARBO Project recruits Connecticut College student volunteers to provide free tours for groups of local young people during October, November, April and May. Students develop teaching and mentoring skills while children learn about the environment and the Arboretum. The Office of Volunteers for Community Service (OVCS) and the Arboretum have worked together to develop the program and to increase its resources. This year Assistant Director Kathy Dame worked very closely with OVCS's Environmental Education, Literacy, and Pre-Health Coordinator Natasja Eerens '06 to continue to develop meaningful environmental programs for children. In September, Kathy and Natasja attended the 40th Annual New England Environmental Education Association conference in West Greenwich, R.I.

## *Spring 2006*

20 tours for about 200 children were led by:

Rebecca Beachell '09 (coordinator)  
Nicole Porter '08 (coordinator)  
Catherine McLinn '06  
Neal Gibeault '06

## *Autumn 2006:*

26 tours for about 260 children from eight schools and organizations were led by:

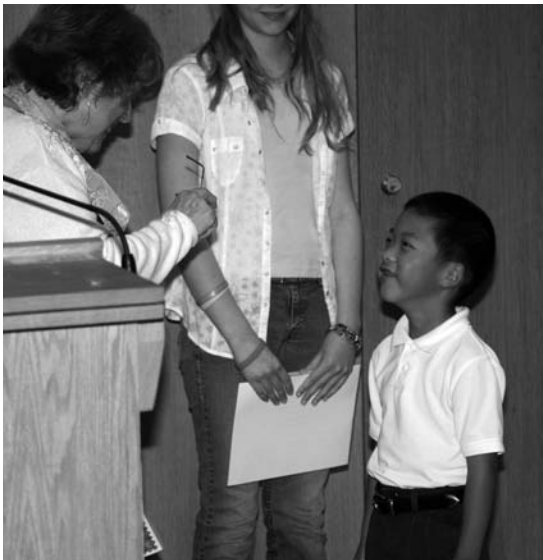
Rebecca Beachell '09 (coordinator)  
Shelly Alminas '10 (coordinator)  
Marissa Howsky '10  
Melanie Bender '10  
Elizabeth Holland '10  
Erik Yando '10  
Matt Baum '10  
Thomas McDonald '10  
Birce Karabey '10

## *Wild Ones*

The Wild Ones is a national organization that advocates and educates about naturalistic landscaping and the use of native plants in gardening, issues the Arboretum has championed for years. Thanks to Assistant Director Kathy Dame, a Connecticut Chapter was recently formed under the auspices of the Arboretum, and it meets monthly at the College.

## *Theater in the Arboretum*

The local Flock Theatre acting company once again held their “Shakespeare in the Arboretum” summer productions in the Arboretum’s Outdoor Theater. The 2006 plays were “The Winter’s Tale” and “Much Ado about Nothing” by William Shakespeare and “Iphigenia at Aulis” by Euripides. Approximately 2,500 people attended this season.



*Left: Photo contest winner Joseph Corbett*

*Right: Photo contest winners (l-r) Candice Chambers, Bruce Berlow and Robert Baldwin*



*Above: One of many school groups that visit the Arboretum throughout the year.*

*Opposite page above: The mum and pumpkin sale during Fall Weekend; below: A happy customer at the Spring Plant Sale*



# teaching & research

**CHARLES & SARAH P. BECKER '27** PROFESSOR of Botany Peter Siver's Marine and Freshwater Botany course (Botany 410) used the Arboretum for a semester-long project (one of three) to investigate the aquatic photosynthetic eukaryotes, which are aquatic vascular plants; the plankton community; and the community of organisms attached to other plants. The class divided into three groups, with each responsible for one of the three classes of organisms. Their goal was to inventory the plants (at the genus level for microscopic organisms) and develop a page or two on each plant with description, additional information and images, and a page of methods with a general description of the pond and habitats. All of the information and pages were then assembled into an interactive PowerPoint presentation.

In Jean C. Tempel '65 Professor of Botany Scott Warren's Estuarine Ecology class (Biology 413), students calculated the rate of sediment accretion on the Mamacoke tidal marsh surface and compared this to the rising sea level. The water is rising at twice the rate of the marsh surface, indicating that the marsh will be underwater sometime in the future, if the trend continues.

Professor of Biology Robert Askins' ornithology class (Biology 204) used the Arboretum for field trips to Mamacoke Island and associated coves and the Arboretum Pond area.

The General Ecology course (Biology 207) was led by Professor Askins, George & Carol Milne Assistant Professor of Biology Anne Bernhard and Senior Lecturer Pamela Hine. They conducted the following five labs in the Arboretum: pollination ecology, pond phytoplankton and zooplankton, forest survey, reading the forest landscape, and feeding behavior of birds. This class also used the greenhouse for a six-week lab on nitrogen fixation.

While the Botany Department searched for a plant ecologist to replace Professor Christine Small, Bryan Connolly of Mansfield, Conn., stepped in to teach Systematic Botany and the Local Flora (Botany 225) and Plant Ecology (Botany 315). Mr. Connolly and his students used the Arboretum weekly during the fall semester for the systematics class. During the Spring semester, the plant ecology class used a variety of locations for labs on plant identification, forest age and succession, demonstrations of vegetation sampling techniques, soils and geology, and GIS and GPS use. While Mr. Connolly was with the Botany Department, he reared a *Miracavira brillians* caterpillar on the native shrub Wafer-Ash or Hop Tree (*Ptelea trifoliata*) for University of Connecticut entomologist Dr. David Wagner. He also collected two new naturalized exotic species for Connecticut on Arboretum

property: a nightshade (*Solanum physalifolium*, formerly *P. sarrachoides*) and Hairy Crabweed (*Fatoua villosa*). Both are herbaceous weeds that were previously known from neighboring states.

Senior Lecturer in Environmental Studies Beverly Chomiak's Introduction to Geographic Information Systems (GIS) course (Environmental Studies 312) continues to add information to the ever-expanding Arboretum electronic map database. This year, individual student projects in the Arboretum included: distribution of Japanese Barberry (*Berberis thunbergii*) in the Bolleswood Natural Area, a compilation of long-term waterfowl feeding data in the Thames River at Mamacoke, tracking hydrology in parts of the Arboretum, the distribution of Sassafras (*Sassafras albidum*) in the Bolleswood and Native Plant Collection, and mapping and characterizing stonewalls on the Matthies, Avery and Mamacoke Tracts. The latter project was conducted by Jessica LeClair '08, who donned a wet suit and went snorkeling to find the terminus of a wall that is now underwater off the south shore of the Mamacoke salt marsh.

Visiting Professor Mary Ellsworth taught a freshman seminar for the English Department that included a tour of the Arboretum with Glenn Dreyer. This resulted in a series of essays, poems, a drawing and a set of photographs inspired by their Arboretum visit.

## Projects

### *Mamacoke IBA*

Since 1999, the area around Mamacoke Island in the Arboretum has been listed as an Important Bird Area (IBA) by the National Audubon Society. What makes this a significant location for bird life is the saltwater coves north and south of Mamacoke that provide habitat for many species of waterfowl during cold winters when freshwater bodies freeze. With a small grant from the society's Connecticut office, Glenn Dreyer, Robert Askins, Beverly Chomiak and Scott Peterson '06 wrote a comprehensive conservation plan for Mamacoke. The draft report pulled together site history and summarized past college research and management in the 300-acre area of Mamacoke, a portion of the Thames River and Smith Cove, and nearby uplands west of the river. It went on to evaluate conservation concerns and threats and established goals for preserving and managing the area for the future.

### *Benham Avenue Meadows*

The Meadow Restoration Project at the eastern end of Benham Avenue was finished this year. An area approximately five acres west of the existing fields had been cleared of



invasives and young forest vegetation in previous years. After hours of raking to remove organic litter and more hours of herbicide applications to control Oriental Bittersweet and other invasive vines and shrubs, the field was seeded with a mixture of six native grass species and 17 native wildflowers. The seed was purchased from New England Wetland Plants, a company owned by David Anderson '76, a botany major. We gratefully acknowledge the cooperation of the U.S. Fish and Wildlife Service, which loaned a tractor and seed drill, and the Connecticut Department of Environmental Protection, whose staff operated the seeding machine. This project was made possible by grants from the Wildlife Habitat Incentive Program of the U.S. Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS). Our thanks to another botany major, Dr. Nels Barrett '78, who was the Arboretum's main contact with the NRCS for this project.

## Publications

“Ethnobotany of the Common Native Trees and Shrubs in the Connecticut College Arboretum.” This colorful brochure resulted from class notes and field trips created by Botany Associate Professor of Ethnobotany Manuel Lizarralde and an individual study project by his student, Lori Kessel '04. One side of the colorful, multi-paneled brochure describes the appearance, range and historical uses of 22 select, local woody plants by Native Americans. Each is illustrated with a live leaf collected and scanned by Lori. The reverse side has a collection map indicating where each of the species is located, various photographs of plants and craft items, a short description of ethnobotany, and some reference material. Available from the Arboretum office.

“Seaweeds of Long Island Sound.” Arboretum Bulletin No. 39. This publication was a collaborative effort between the Arboretum and the Connecticut Sea Grant College Program. Its author, Margaret Van Patten '87, who majored in human ecology at the College, is communications director for the Connecticut Sea Grant Program. About 80 species of local marine algae are described in non-technical terms and illustrated with color photos. This user-friendly guide replaces Arboretum Bulletin No. 18, the out-of-print “Wader’s Guide” by Professor Emeritus of Botany Sally Taylor and Marie Villalard.



Chris Penniman

*The Arboretum has many influences on the life of the College that might not be expected or very well known. Chris Penniman, who received her undergraduate degree in botany, is the College's director of instructional technology in the Information Services Department. Here she*

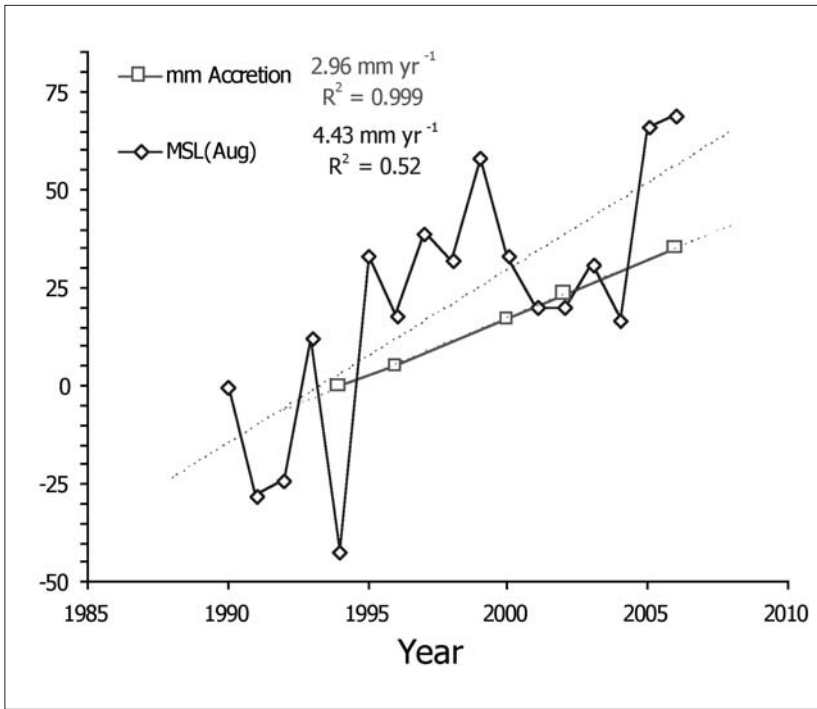
*relates how the practice of naming the College's computer servers (networked hard drives) after trees began:*

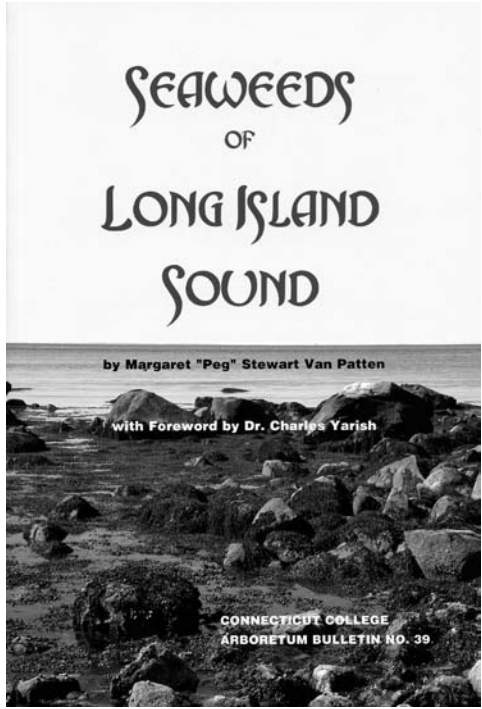
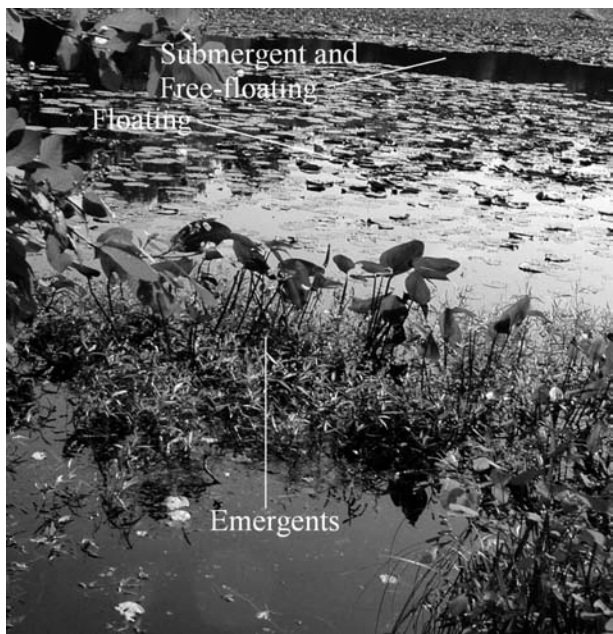
I BEGAN THE SERVER-NAMING TRADITION in the early 1990s with the academic server administrator Gregg TeHennepe, to honor the campus as an arboretum. We started with common names of native trees, such as Cedar, but had to expand our criteria as the number of servers increased. We added non-native trees, including Gingko, then added shrubs such as Elder, and recently expanded the list to include vines, perennials and annuals when we added the two ConnCourse servers, Ivy and Iris. You could say our server list has become diversified and international.

I don't know of any other college that has a naming convention like ours. When a new server is installed, the server administrator selects a name not taken or asks me for a list of suggestions. Some common plant names have not been used either because they are too difficult to spell or don't otherwise make the grade, including: Bladdernut, Farkleberry, Hackberry, Lambkill, Moosewood, Nannyberry, Oilnut, Pawpaw, Persimmon, Pipsissewa and Possum-haw.

It takes a surprising number of servers to meet the needs of the campus, from those that users interact with directly to those that function behind the scenes. Here are some of the names we use for our servers:

Alder	Elm	Pecan
Andromeda	Fir	Pine
Aspen	Gingko	Poplar
Banyan	Hemlock	Raspberry
Beech	Ivy	Redbud
Blueberry	Iris	Spicebush
Buckeye	Juniper	Spruce
Catalpa	Larch	Strawberry
Cedar	Laurel	Sumac
Cherry	Lilac	Sycamore
Cranberry	Linden	Tulip
Cypress	Maple	Walnut
Dogwood	Nutmeg	Willow
Elder	Oak	





*Clockwise from top left:*  
*The Marsh at Mamacoke: During the past 16 years, the rate of sea-level rise (upper, jagged line with diamonds) has been rising faster than the marsh surface (lower, straight line with squares)*  
*Professor Askins (r) and Patrick Comins of the Audubon Society check out birds in Mamacoke Cove*  
*Professor Siver's students studied plants in the Arboretum Pond*  
*Diving for stone walls off Mamacoke Marsh*  
*Seaweed Bulletin cover*  
*Seeding the meadow with native grasses and forbs*

# plant collections

## *Native Plant Collection*

Curator Mary Villa finished up the inventory of the Native Tree and Shrub collection that was begun last year. She was assisted by work-study students George Arab '07, Fiona MacLean '08, Jenna Rosenwasser '08 and Hort Helper Coordinator Caroline Driscoll. By year's end, Mary was still working on generating and attaching accession labels to more than 1,300 specimens in this collection.

Working with GIS instructor Beverly Chomiak and student assistants, Mary began converting the Arboretum's hand-drawn plant collection maps to Arc-GIS-based computerized maps. She is working from detailed aerial photographs, existing GIS map layers of the Arboretum, existing collection maps, and field work, sometimes using Geographic Positioning System (GPS) acquired data. Eventually the maps will be electronically linked to the Arboretum's BG-Base plant collection records database.

Measures to limit deer browsing damage to plants continued this year. In addition to walking through open gates, deer have been seen jumping the seven-foot fence that surrounds the Native Plant Collection and Bolleswood Natural Area. Thanks to a grant from the USDA Natural Resources Conservation Service, the Arboretum began a project to increase the height of this chain link fence to 10 feet. It encloses a total area of approximately 100 acres and has a perimeter of about 7,500 feet. In 2006, a contractor installed three feet of light gauge, chain link fabric on top of the existing fence that runs next to Gallows Lane for a total length of 3,000 feet. Other portions of the fence will be raised in the future.

## *Additions to*

## *the Native Tree and Shrub Collection*

*Acer saccharum* 'Legacy', Sugar Maple

*Aronia arbutifolia*, Red Chokeberry

*Baccharis halimifolia*, Groundsel Bush

*Chamaecyparis thyoides* 'Glauca Pendula', Weeping Blue

Atlantic White Cedar

*Chionanthus virginicus*, White Fringetree

*Clethra alnifolia* 'Ruby Spice', Sweet Pepperbush

*Comptonia peregrina*, Sweet Fern

*Itea virginica* 'Henry's Garnet', Virginia Sweetspire

*Juniperus communis* 'Repanda', Spreading Common Juniper

*Kalmia angustifolia* 'Kennebago', Sheep Laurel

*Leucothoe axillaris*, Coast Leucothoe

*Rhododendron calendulaceum*, Flame Azalea

*Rhododendron carolinianum*, Carolina Rhododendron

*Rhododendron periclymenoides*, Pinksterbloom Azalea

*Rhododendron viscosum* 'Pink Mist', Swamp Azalea

*Sambucus canadensis*, American Elder

*Vaccinium angustifolium*, Lowbush Blueberry

*Xanthoriza simplicissima*, Yellowroot

*Outdoor theater, "logo" pine and pond, circa 1936.*

## Campus Plant Collection

Our campus is home to a wide variety of trees and shrubs from all over the world. One interesting story came to light this year as we transplanted a Western Hemlock (*Tsuga heterophylla*) to a location near Woodworth House at the northwest corner of the Admissions parking lot. This particular tree was received in a batch of 10 seedlings from the Connecticut Agricultural Experiment Station in 1993. This species is tolerant of the hemlock woolly adelgid insect, which is destroying Eastern Hemlocks throughout the eastern United States. Agriculture station scientists distributed 300 small Western Hemlocks to determine whether they could serve as a replacement species in landscape plantings. Ours, the only one of the 300 to survive, was about four inches in diameter and about 20 feet tall when transplanted to campus.

As part of Connecticut College President Leo I. Higdon's inauguration celebration, the Arboretum planted a Kentucky Coffeetree (*Gymnocladus dioicus*) in the open space between Branford House and Hillyer Hall. This tree as one of five seedlings donated by Professor Sally Taylor in 1989 and was transplanted to campus from the Arboretum nursery, where it had grown for many years. It is marked by a simple bronze plaque on a small boulder.

### Additions to Campus Plant Collections

*Abies concolor*, White Fir

*Aesculus flava*, Yellow Buckeye

*Callicarpa bodinieri* 'Profusion,' Beautyberry

*Cercidiphyllum japonicum*, Katsura Tree, gift of Meskwaka Tree Project

*Gymnocladus dioicus*, Kentucky Coffeetree, Presidential Inauguration Tree

*Metasequoia glyptostroboides*, Dawn Redwood

*Quercus alba*, White Oak

*Quercus robur*, English Oak

*Tsuga heterophylla*, Western Hemlock

*Viburnum plicatum* var. *tomentosum* 'Mariesii',

Doublefile Viburnum

*Viburnum plicatum* var. *tomentosum* 'Shasta',

Doublefile Viburnum

### Additions to the Caroline Black Garden:

*Callicarpa bodinieri* 'Profusion,' Beautyberry

*Juniperus communis* 'Repanda,' Common Juniper

*Microbiota decussata*, Russian Cypress

*Paxistima canbyi*, Cliff Green

*Rhododendron* 'Aglo,' Azalea

In 2006 the Arboretum Plant Collections had 4,641 living, accessioned, woody plants:

	Trees	Shrubs
Native Plant Collection	1,058	1,272
Campus	1,441	266
Caroline Black Garden	161	465

### Other Projects:

Mary Villa and Glenn Dreyer joined in a cooperative project with the Connecticut Department of Environmental Protection's Office of Long Island Sound Programs to design and plant a native plant demonstration garden at Barn Island Wildlife Management Area. With her background in landscape design, Mary took the lead in creating an attractively designed planting. One challenge was that the garden is located on very acidic, sandy material dredged from the Barn Island boat launch area when it was renovated a few years ago. Mary was also on site to specify the placement of plants on planting day. The garden location was chosen for the panoramic views over the marsh system and Little Narragansett Bay, as well as its proximity to the entry road and parking area. The design included large boulders for sitting in an open area suitable for gatherings and visitor orientation. A series of informational panels were installed at the edge of the garden that cover subjects related to tidal marsh ecology and sustainable landscape design for coastal Connecticut.



Mary Villa supervising DEP staff planting at the Barn Island Demonstration Garden



*Clockwise from top:  
Removal of white pine near New London Hall by Arboretum crew  
Fence-height extension along Gallows Lane will keep deer out.  
New London Hall, circa 1938  
Caroline Black Garden, circa 1930*



# people

## Staff & Associates

### Staff

There were no changes in the Arboretum staff this year. Jeff Smith, Chip McIlwain and Bryan Goulet cared for the collections and natural areas. Kathy Dame operated the public education and volunteer programs, with help from Staff Assistant Anne Davis, who also covered reception and accounting duties. Mary Villa served as Arboretum curator and information manager.

### Students

The Arboretum hires Connecticut College students each semester to assist our staff, primarily with horticultural maintenance. Many are part of the campus work-study financial aid program. The contributions of student workers are integral to the maintenance of our landscapes and the success of our programs. We are pleased to thank the following people for their service:

#### Student workers

##### spring 2006

Leia Crosby '09  
Slavina Georgieva '07  
Alec Lager '09  
Katri Linnamaa '06  
Amanda Mohammed '07  
Tara Morazzini '09  
Jenna Rosenwasser '08  
Joel Scata '06  
Alex Tenenbaum '07  
Samuel Watters '09  
Rachel Zwick '08

##### summer 2006

Katie Warren  
Jenna Rosenwasser '08  
Andrew Napoli '07

##### autumn 2006

Michael Antoinetti '10  
Ariella Cohen '10  
Leia Crosby '09  
Alex Ellison '10  
Slavina Georgieva '07  
Richard Hederstrom '09  
Alec Lager '09  
Tara Morazzini '09  
Jenna Rosenwasser '08  
Seth Stulen '07  
Jennifer Superson '08  
Samuel Watters '09

### Volunteers

Arboretum volunteers provide assistance with nearly all of our public programs and are especially important at plant sales. This year, volunteers led tours and programs for adults and children, served at registration tables at conferences and other events, prepared food, pulled weeds, raked leaves, pruned shrubs, and worked in the greenhouse. Students who volunteered for the ARBO Project are acknowledged in the Outreach section of this report.

Thanks to the following Arboretum Volunteers:

David Arnold	Peg LaPorte
Platt Arnold '64	Anne-Marie Lizarralde '91
Robert Askins	Manuel Lizarralde
Jean Baker	Jim Luce
Roberta Brouwer	Janice McCue
Lisa Brownell	Sandra Morse
Nancy Burrows '97	Susan Munger
Ginny Butler	Becky Nortz
Beverly Chomiak	Marlene Oko
Diane Christensen	Nancy Patenaude
Charles Chu	Lydia Pan
Richard Conway	Betty Pinson
Jean Coyne	Karen Plebicitto
Diane Daniels	Robert Rafka
Vita Dodson MA'83	Wendy Rappaport
Wendy Dreyer	Arlene Scott
Caroline Driscoll '84	Elizabeth Smith
Joan Flynn	Ed Suter
Allen Gauthier	Mari Suter
Kenneth Graham	Sally Taylor
Kathi Green	Sheila Wertheimer '84
Kari Hammen	Kathryn Williams
Ashley Hanson '82	Michael Wuenscher
Louise Fabrykiewicz	Project Learning Tree
Christine Jeffrey	Williams School Students
Harold Juli	



*Staff and Students at Buck Lodge  
(l-r): Jennifer Superson '08, Jeff  
Smith, Tara Morazzini '09,  
Bryan Goulet, Rachel Zwick '08,  
Chip McIlwain, Leia Crosby '09*

## Members

The Connecticut College Arboretum gratefully acknowledges the financial contributions made by the following individuals and organizations in 2006. We strive to accurately maintain our records and appreciate receiving corrections.

### Patrons

Combs, Alexander C  
Lash, Stephen S.  
Morton, Joanne McKean  
Ryder, Bertram Mrs.  
Simmons, Matthew S. Mrs.  
Sylvan Nursery, Inc.  
Van Sloun, Neil & Sylvia  
Wheeler, J. Arthur Mrs.

### Sponsors

Anderson, Joellen  
Arkava, Harold  
Augustiny, Mary E.  
Babbitt, Eleanor C.  
Bell, Anne W.  
Berman, Richard G. Dr. & Mrs.  
Davis, Martha G.  
Dayton, Helen F.  
Dreyer, Glenn & Wendy  
Froshauer, Susan & Engelman,  
Donald  
FSH Seed Company  
Gifford, Martha E.  
Harlow, Margaret H.  
Hesselgrave, Helen Crispe  
Homeier, Jean Gries  
Kimball, Marion C.  
Kronick, Joan  
Leonard, Ward & Viola  
Marston, Bill & Nancy  
Moulton, David  
Porter, Marcia W.  
Record, Stephen & Mary Sue  
Richards, Susan G.  
Rotch, Peter Mrs.  
Winslow, Katherine D.

### Families and Individuals 2006

Allen, Renee Mercaldo  
Anderson, Dexter, Mr. & Mrs.  
Anderson, James B. Mr. & Mrs.  
Anderson-Wick, Marta  
Ansel, Carol M.  
Anson, Priscilla A.  
Arnold, David & Platt  
Arnold, John P.  
Askins, Robert Dr. & Mrs.  
Badenhausen, Dorothea Susan  
Bailey, Amey Schenck  
Baird, Bridget  
Banks, Elizabeth D.

Barberi, Debra & Barrett, Jay  
Barnes, Phillip Dr.  
Bates, Timothy & Deborah  
Becker, Margaret W.  
Bednar, D. & Cornelius, P.  
Bill, Sally J.  
Bischoff, Terry  
Blair, Richard Mr. & Mrs.  
Blew, Jennifer  
Bodin, John & Ellen  
Bolles, Patricia  
Bothamly, Ellen  
Bowman, Donald R.  
Bradford, Derek Mrs.  
Bradlaw, June Dr.  
Brady, Ann Dygert  
Branford Garden Club  
Brensilver, Howard Mr. & Mrs.  
Brown, Lauren  
Brown, Russell W. Mr. & Mrs.  
Brubaker, Ann H.  
Burrows, Nancy J.  
Butterworth, Patricia  
Carr, Vonice  
Chase, Jodie T.  
Chatfield, Catherine C.  
Cheo, Peter Mr. & Mrs.  
China Trade Bonsai Society  
Ching, Stanton S.  
Chomiak, Beverly  
Clark, Joseph  
Coburn, Thea  
Coleman, Leslie & Carolee  
Collins, David  
Connecticut Conservation  
Association  
Copp, Belton A. Mr. & Mrs.  
Coughlin, Roberta  
Country Gardeners of  
Glastonbury  
Cowen, James  
Coyne, Jeanne H.  
Crawford, Sara  
Crosby, Phyllis  
Crosby, Rebecca T.  
Dale, Dennis J.  
Davies, Judy  
Davis, Anne B.  
Delaura, L. Joyce  
Deredita, Laurie M.  
Dimock, Alice  
Dodson, Vita B.  
Doro, Marion E.  
Doucette, Jean

Doyle, John F. Mr. & Mrs.  
Driscoll, Caroline K.  
Driscoll, Marguerite D.  
Duck River Garden Club  
Dutcher, Craig C.  
Elliott, Lorraine  
Ellsworth, Mary Ellen  
Enders, Anthony T. Mr. & Mrs.  
Essex Garden Club  
Farrell, William  
Fischetti, Paula McDonald  
Fisher, Emily  
Flynn, Ken & Joan  
Galli, Brenda  
Garbutt, Carol Bayfield  
Gauthier, Allen R.  
Glastonbury Garden Club  
Goldsmith, Timothy Mr. & Mrs.  
Goodwin, Richard H. Mr. &  
Mrs.  
Graham, Kenneth E. Mr. & Mrs.  
Graham, Roger A. Dr. & Mrs.  
Green, Kathi  
Grobe, Carl W.  
Grube, Augusta  
Haderer, Elizabeth  
Hadlyme Hall Garden Club  
Hamilton, Jeanne  
Hammen, Kari B.  
Hanlon, Camille  
Hanson, Ken Mr. & Mrs.  
Hausmann, Joan  
Hay, Walter Mr. & Mrs.  
Hayes, Christie  
Heller, Ruth Ann  
Henderson, Greg G. Mrs.  
Hersey, Jeanette  
Hine, Jonathan T. Mr. & Mrs.  
Hine, Thomas L. Mr. & Mrs.  
Hirata, Robert M.  
Hitchcock, Diane  
Hoffmann, Frances L.  
Holcombe, Anne  
Holland, Marjorie M. Dr.  
Howell-Heller, Penelope  
Isbister, Anne H.  
Jagger, George  
Jaynes, Richard A. Dr.  
Johnson, Michael D.  
Johnson, Nancy  
Jones, Jacqueline F.  
Karsten, Verena  
Kashanski, Barbara  
Kelly, Shannon  
Kelly, Virginia K.  
Kiplinger, Jeff & Withka, Jane  
Kloman, Henry F. Mr. & Mrs.  
Koehn, Helen  
Korecki, Jessica M.  
Kramer, Kim M.  
Kraus, Kenneth G.  
Kraynak, Susan L.  
Krohn, Karen & Pendergast, John  
Krusen, Gordon  
Kuhn, Mary Varley  
Labaree, Linda  
Landrey, Charles Mr. & Mrs.  
Lantz, Paul & Kathy  
LaPorte, Margaret A.  
Learned, Leslie S.  
Leary, Judith  
Lee, Rosalie B.  
Legg, Bonnie  
Leinbach, Jill L.  
Leslie, Diana & Archie  
Lewis, Barbara  
Lindberg, Amanda A.  
Lindo, Sigrid E.  
Lizarralde, Manuel & Anne Marie  
Longwood Gardens Inc.  
Loomis, Ronald N.  
Loveland, Gregg  
Loweth, Adrienne  
Loynes, John H. Mr. & Mrs.  
Malootian, Markey Mr. & Mrs.  
Manning, Gloria C.  
Masi, Nanette B.  
Mathieson, Helen F.  
McCabe, Maureen & Anderson,  
Jeffrey  
McCallum, Joan E.  
McCracken, Robert F. Mrs.  
McGeorge, William B. Mrs.  
McGuire, James C.  
McIntosh, Edmee  
McKeon, Mary Gertrude  
McLaughlin, Heather  
Meade, Ken & Carol  
Meneice, Lee M. Mrs.  
Miceli, Robert J.  
Middletown Garden Club  
Miles, Lynn W.  
Mockler, Carissa Reed  
Moore, Christina  
Morse, Sandra  
Morse, Steven  
Mrouse, Martin Mr. & Mrs.  
Munger, Susan & Oldham, Neild  
Myers, Robert Mr. & Mrs.  
Mystic Garden Club  
Nalwalk, Anne H.  
Negri, Joanna  
New London Garden Club  
Newington Garden Club  
Nickerson, Judith W.  
Niering, William A. Mrs.  
North Stonington Garden Club  
O'Connor, Noelle  
O'Malley, Cormac & Moira  
Oko, Marlene M.  
Old Greenwich Garden Club  
Onyx, Pauline



Otto, Elizabeth Ann  
 Page, Kathleen K.  
 Pan, Frances F.  
 Pan, Lydia C.  
 Parnall, Ruth  
 Patenaude, Nancy R.  
 Payer, Raymond V. Mrs.  
 Payson, Herta  
 Peabody, Priscilla  
 Peck, Mary Lou  
 Penniman, Chris  
 Perot, F. Kincaid  
 Peterson, Rose  
 Pillote, Robert L. Mrs.  
 Pinson, Betty A.  
 Plecs, Robert L.  
 Pokorny, Barbara  
 Procaccini, Judy  
 Purtill, Joseph J.  
 Ramsay, Dwight T. Mrs.  
 Rappaport, Wendy  
 Rathbone, Margaret  
 Reeve, Helen  
 Regan, Helen B.  
 Reimer, Robert  
 Resnikoff, Henry B.  
 Reynolds, Elizabeth Field  
 Ricard, Dan & Marie  
 Ricci, Richard C.  
 Richards, Susan G.  
 Rinek, Marilyn M.  
 Robinson, James T.  
 Roper, Peter & Terri  
 Rubin, Larry  
 Russel, James R. Mrs.  
 Ryan, Elizabeth  
 Sargent, John & Linda  
 Sayres, Starr E.  
 Schiller, Paula L.  
 Schlesinger, Ernest & Gabriella  
 Schwartz, Robert & Myrna  
 Sears, Karen L.  
 Seed, Milton Mr. & Mrs.  
 Shepard, Margaret B.  
 Shilstone, Marian Ruth  
 Slosberg, Liesbeth  
 Smith, Thomas P.  
 Solnit, Martha  
 Spencer, Willard J. Mr. & Mrs.  
 Stonington Garden Club  
 Stutts, Susanne M.  
 Suffield Garden Club  
 Sulewski, Stanley  
 Sullivan, Beth  
 Suter, Edward M. Mr. & Mrs.  
 Talbot, Katherine  
 Taylor, Peggy  
 Taylor, Sally  
 Thames River Garden Club  
 Theran, Mark R. Mrs.  
 Thoma, Sandra

Thorstenson, Gary Mr. & Mrs.  
 Tillman, Wanda E.  
 Tomichuk, Steven  
 Tonucci, Martha  
 Touw, Jeanne L.  
 Tredinnick, Frank Jr.  
 Trillium Garden Club  
 Tuttle, Hazel  
 Twigg, Richard W. Jr. Mrs.  
 Tyson, Ralph W. Mrs.  
 Van Dine, Cassie  
 Vine, Craig Owen  
 Walsh, Louise S.  
 Walther, David C.  
 Wertheimer, Sheila M.  
 West Hartford Garden Club  
 Westerlund, Wendy  
 Westport Garden Club  
 Wetmore, Eleanor L.  
 Weymouth, Beverly  
 Whittemore, B. Bruce, Mrs.  
 Wick, Kathleen B.  
 Wierzbinski, Suzanne L.  
 Wilkins, Marilyn  
 Williams, Alfred G. III Mrs.  
 Williams, Barbara P.  
 Wolff, Susan  
 Woody, J. Melvin  
 Worm, Vagn  
 Youngquist, Martha



*Top: Assistant Director Kathy Dame, Department Assistant Anne Davis and Professor Emeritus Sally Taylor at the Arboretum anniversary reception during Reunion*

*Middle: Plant sale perennial Dick Conway*

*Bottom: Picnic for volunteers at Buck Lodge*





*Clockwise from top left:*

*Volunteers at the fall plant sale (l-r): Allen Gauthier, Ginny Butler and Caroline Driscoll*

*All four Arboretum Directors in 1991 at the Arboretum's 60th anniversary (l-r): Virginia Avery, George Avery, Richard Goodwin, William Niering, Esther Goodwin and Glenn Dreyer*

*Volunteer Jean Baker*

*Volunteers at the spring plant sale (l-r): David Arnold, Lydia Pan, Marlene Oko and Joan Flynn*

*Members and Friends Night celebration*

## CONNECTICUT COLLEGE

Barbara Shattuck Kohn '72 *Chair, Board of Trustees*

Leo I. Higdon, *President*

Francis Hoffmann, *Dean of Faculty*

## ARBORETUM STAFF

Glenn D. Dreyer MA '83, *Charles and Sarah P. Becker '27 Director*

Katherine T. Dame '90, *Assistant Director for Public Programs*

Anne Davis, *Staff Assistant*

Bryan L. Goulet, *Groundsperson*

Charles McIlwain III, *Senior Groundsperson*

Jeffrey D. Smith, *Horticulturist*

Mary Villa, *Curator/Information Manager*

## ASSOCIATES

Robert A. Askins, *Research Associate*

Phillip T. Barnes, *Research Associate*

Beverly A. Chomiak, *Research Associate*

John W. Deering, *Earth Management Consultant*

Caroline Driscoll '84, *Hort Helper Coordinator*

Richard H. Goodwin, *Technical Advisor*

Pamela G. Hine MA '84, *Research Associate*

Harold D. Juli, *Research Associate*

Manuel Lizarralde, *Research Associate*

Stephen H. Loomis, *Research Associate*

T. Page Owen, *Research Associate*

Sally L. Taylor, *Education Consultant*

R. Scott Warren, *Research Associate*

## CAMPUS GROUNDS STAFF

James Luce, *Grounds Supervisor*

Lee Bowker, *Groundsperson*

Mike Campagna, *Groundsperson*

Kraig Clark, *Groundsperson*

Bryant Roy, *Groundsperson*

Lori Kessel '04, *Groundsperson*

Lynn Manza, *Groundsperson*

Brian Marks, *Groundsperson*

Joseph Serwinski, *Groundskeeper*

Robert Stammel, *Senior Groundskeeper*

George Yuhas, *Head Mechanic*



