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ARBORETUM

THE ANNUAL REPORT OF THE
CONNECTICUT COLLEGE ARBORETUM
1995

MISSION STATEMENT

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, Zoology, 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.

COMMUNITY 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.

FROM THE DIRECTOR

This year will be remembered as much for preparations as for accomplishments. In particular I am thinking of three projects to which our staff devoted significant amounts of planning time, and which are barely mentioned in this report. First, after years of discussion, we developed a curriculum for Arboretum Docents, volunteers who will lead tours of the plant collections, gardens and natural areas of Connecticut College. Early in 1996 the first class of about 20 docents will attend lectures and walks and begin touring in the Spring.

Two prominent renovation projects, both generously funded by alumni, went through the final planning and site preparation stages this year. The Laurel Walk, the Native Plant Collection's sloping entry path flanked by two hedges of Mountain Laurel (*Kalmia latifolia*), will be replanted with over 100 new Laurel shrubs. These will be located farther apart, so these graceful native plants can assume their natural shape and size without the harsh pruning now necessary to keep the entry path open. The Edgerton and Stengel Wildflower Garden, overrun in recent years by aggressively spreading ferns and weed plants, has been redesigned with new trails and a different approach to planting and maintenance. Both the Laurel Walk and the Wildflower Garden plantings will be completed next year.

An accomplishment of which I am most proud is the establishment of a new Arboretum tradition, an annual Members and Friends Night held in early June. Preceded by a short walk in the

Arboretum, the most important part of the evening is the public recognition of volunteers whose help is so vital to our programs. The cultivation and increased involvement of volunteers, both current students and members of the local community, is a truly important challenge. It is clear to me that the efficient use of volunteers is the only way to ensure that the Arboretum reaches its full potential as a scientific and cultural institution. We are off to a great start with the folks who have been helping us over the years, and I look forward to involving more of you as the years go by.

Sincerely,



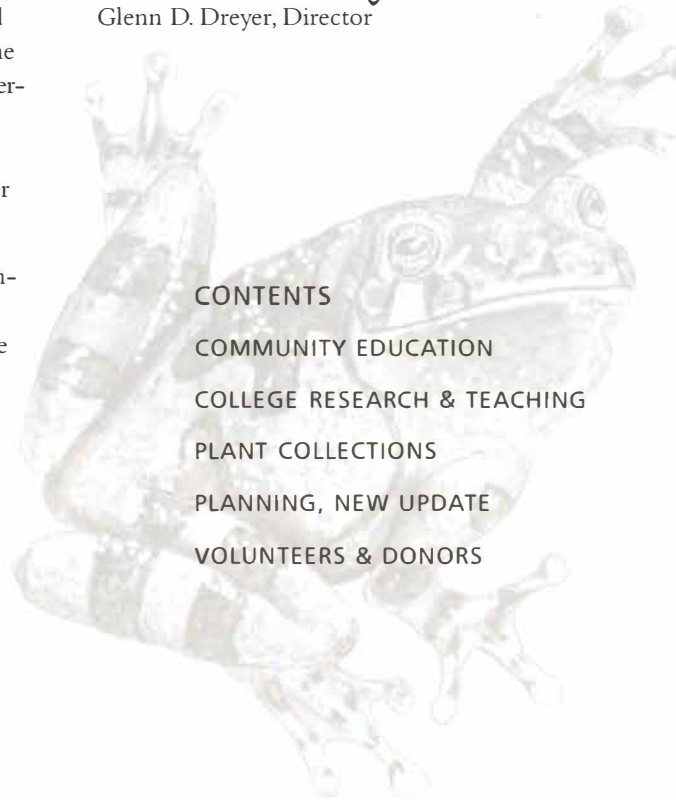
Glenn D. Dreyer, Director

GREY TREE FROG BY AMY
DUNHAM '95, ONE OF A
SERIES OF ILLUSTRATIONS
CREATED FOR AN UPCOMING
ARBORETUM BULLETIN ON
AMPHIBIANS AND REPTILES.

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COMMUNITY EDUCATION

A total of 730 individuals participated in Arboretum educational programs during 1995. Public education is an important aspect of the Arboretum Mission and is accomplished with a continuing series of lectures, symposia, workshops and walks. We also organized a bus trip to the Wellesley College Greenhouses and Arboretum where we were the guests of their Friends of Horticulture. That trip also included Mount Auburn Cemetery, Cambridge, Mass. where Horticulture Director David Barnett gave us a personal tour of significant trees and statuary. In June, members were invited to shop for landscape plants at nearly wholesale prices at Prides Corner Farm Nursery.

LECTURES:

Gardens Real and Fanciful, Professor Pfefferkom
Emperors and Albatross, Professor Emeritus Taylor
Restoration of the Caledonian Pine Forest, Sir John Lister-Kaye
Galapagos Islands and Biological Variation, Professor Barnes
The Ginkgo Tree: Evolution, Natural History and Exploitation,
Dr. Del Tredicci

SYMPOSIUM:

Natural Design as Landscape Art: Innovation with Roots
in the Past



LEFT: ARBO PROJECT VOLUNTEER JAKE MARIN '97 TAUGHT LOCAL SCHOOL CHILDREN ABOUT AUTUMN LEAF COLORATION IN BUCK LODGE. CENTER: THE ARBORETUM CONTINUED ITS CO-SPONSORSHIP OF THE MESKWAKA TREE PROGRAM WITH THE UCONN. COOPERATIVE EXTENSION SYSTEM. PARTICIPANTS FROM ACROSS THE STATE USE THE COLLEGE'S FACILITIES AND PLANT COLLECTIONS TO LEARN HOW TO DEVELOP URBAN AND COMMUNITY FORESTRY PROGRAMS IN THEIR HOMETOWNS. RIGHT: DON BEZANSON OF THE CAMPUS GROUNDS CREW DEMONSTRATED CENTERPIECE DESIGN AT A HOLIDAY DECORATIONS WORKSHOP.

WORKSHOPS:

- Garden Tools and Machinery
- Container Gardening
- Evergreens in the Landscape
- Wreaths and Sprays for the Holidays

GUIDED WALKS:

- Mamacoke Island
- Spring Wildflowers
- Caroline Black Garden
- Moore Woods
- Birding by Ear
- Pachaug State Forest
- Old Bolles Road
- Autumn Birds
- Fall Foliage

ARBO PROJECT Carey Truebe '97 did a fine job of coordinating this student created-and-operated program which trains Conn. student volunteers to lead educational visits to the Arboretum for young people. A total of 90 youngsters, all from the New London school system, participated during the Fall semester. Volunteer guides included Maya Falck '98, Maya Perry '97, Seth Wilkinson '96, Katy Abrahams '98, Sarah Jackson '99, Kelly Gardner '99.

SHAKESPEARE IN THE ARBO The Arboretum Outdoor Theater was once again filled with laughter when the Flock Theater presented "A Midsummer Night's Dream" and "Twelfth Night." Flock Theater, a local group of professional, semi-professional and amateur actors is organized by Derron Wood '89 and Michael Lerner '89. The July and August evening performances attracted over 1300 people to the Arboretum. Two more plays are scheduled for Summer 1996.

MEMBERS AND FRIENDS NIGHT Forty people attended the first annual Arboretum Members and Friends Night last June. After a brief tour of the Arboretum Woody Plant Collection with



TOP: ANN GAYLORD, WENDY DREYER, BETTY PINSON AND SIR JOHN LISTER-KAYE AT A RECEPTION FOLLOWING JOHN'S MARCH LECTURE. CENTER: AT MEMBERS AND FRIENDS NIGHT GLENN DREYER PRESENTED SALLY TAYLOR WITH AN ENGRAVED TRAY IN RECOGNITION OF HER MANY YEARS OF SERVICE TO THE ARBORETUM. BOTTOM: THE ANNUAL SYMPOSIUM FOR DESIGN PROFESSIONALS "NATURAL DESIGN AS LANDSCAPE ART: INNOVATION WITH ROOTS IN THE PAST" FEATURED MANY OUTSTANDING SPEAKERS INCLUDING THE WORLD-FAMOUS A.E. BYE. HERE DR. MARK MCDONNELL '75 (LEFT), WHO LECTURED ON THE COMPOSITION OF EASTERN WOODLANDS, CHATS WITH PETER PICONE OF THE CONN. D.E.P.

Glenn Dreyer, the group retired to the F.W. Olin Science Center Auditorium for staff introductions and recognition of our outstanding volunteers. Professor Emeritus Sally L. Taylor was presented with an engraved serving tray in recognition of her years of dedicated service to the Arboretum. Dick Conway, Gerry Fuller '45, Ken Krause, Toni Tabak, Shiela Wertheimer '84 and Emily Wharton were also honored. This was followed by a taxonomic tour-de-force lecture titled "A New Look At Wildflowers" by Dr. Bill Niering. The evening ended with a reception in the Olin Center lobby.

RESEARCH & TEACHING

ECOLOGICAL APPROACHES TO RIGHT-OF-WAY VEGETATION MANAGEMENT Glenn Dreyer and Bill Niering were invited by Northeast Utilities to create and present a two-day workshop for the company's electric transmission and distribution line vegetation managers. Based on research conducted at the Arboretum and elsewhere over the past 40 years, the course covered structure, function and change in natural vegetation, and how different management approaches affect vegetation composition. The Native Woody Plant



Collection was used for a plant identification session, and three local transmission rights-of-way were visited.

Art Department Professor Andrea Wollensack's Design Studies class has used the Caroline Black Garden during the past two years as the location for an outdoor site project. Students are asked to make an intervention of some kind, create a statement about the site, and create text and images about it.

In Robert Askins' Animal Ecology course, eight of the 15 students worked on independent research projects utilizing the Arboretum. They varied from studies of predator-prey relationships in midge larvae (Caroline Black Garden) to the use of different species of nuts by Gray Squirrels (Native Plant Collection).

In another example of the wide variety of scientific use the Arboretum is put to each year, Professor Peter Siver had students in General Limnology collect the humic (i.e. upper organic) layer

of soils. As an illustration of the relationship between the acidity of rainwater and the pH of lake water, a lab experiment was performed in which rainwater was collected and poured through the humic soil layers. Before and after water chemistry showed that after one minute, the pH dropped from 6 to 4! Clearly rain passing through soils can have a dramatic effect on the acidity of water entering streams and lakes.

Under Professor Robert Askins' supervision Joseph Markow '95 completed his Honors Thesis on woodland salamander competition. His data collection work for the project was in the Arboretum during Fall 1994 and in the lab the following winter.

Jill Devito '95 also worked with Professor Askins on her independent study project, a survey of reptiles and amphibians in the Arboretum. Together Jill and Joe's research will eventually be published as an Arboretum Bulletin manuscript titled "Amphibians and Reptiles of the Connecticut College Arboretum."

Carl Lewis '95 completed his Honors Thesis which entailed creating an interactive computerized herbarium database for the College collection of dried, pressed plants and "attaching" the database to the World Wide Web. Supported by the Arboretum and advised by Glenn Dreyer, Carl entered information on over 2,500 specimens from the Charles B. Graves Herbarium and digitized over 200 images of herbarium sheets. In addition to providing typical database retrieval and sorting capabilities for botanists in New London Hall, Carl set the software up as a server on the World Wide Web. This allowed the integration of other information services available on the Internet to be accessed by the herbarium database. For example, links to geographic information system (GIS) services generate maps of the specimen collection sites. Taxonomic names were linked to the Gray Herbarium Index at Harvard University, which cites references for each name. Thousands of users from over 25 different countries have accessed the database via the internet. Carl was accepted in a plant systematics Ph.D. program at Cornell University, where he plans to specialize in Palms.

THIS CENSUS WAS INITIATED IN 1953, AND IS ONE OF THE LONGEST STUDIES OF FOREST BIRD POPULATIONS IN THE COUNTRY. ROBERT ASKINS AND WENDY DREYER HAVE BEEN CONDUCTING THE STUDY ANNUALLY SINCE THE EARLY 1980'S, AND WERE IN THE WOODS MAPPING SINGING MALES DURING MAY, JUNE AND JULY OF 1995. POPULATIONS OF MOST SPECIES HAVE NOT CHANGED GREATLY DURING THE PAST TEN YEARS. HOWEVER, CAROLINA WREN, WHICH WERE ONCE FAIRLY COMMON, HAVE BEEN ABSENT FROM THE SITE FOR THE PAST TWO YEARS. THIS WAS PROBABLY DUE TO HIGH MORTALITY DURING SEVERE WINTER OF 1992-93. RUFUS-SIDED OWLS HAVE DECLINED IN THE STUDY AS AREAS DOMINATED BY LOW SHRUBS HAVE BEEN REPLACED BY PINE FOREST.

TWO NEW SPECIES WERE ADDED TO THE ARBORETUM BIRD LIST. WENDY DREYER AND PROFESSOR WALTER BRADY BOTH SAW WILD TURKEYS AT THE NORTHERN END OF ARBORETUM PROPERTY NORTH OF GALLOWS LANE. ROBERT ASKINS SAW AN ADULT SAWWHET OWL HUNTING ALONG THE EDGE OF THE CONTROLLED BURN FIELDS SOUTH OF BENHAM AVENUE.

LEFT: ARBORETUM POPULATIONS OF JACK-IN-THE-PULPIT (*ARISAEMA TRIPHYLLUM*) WERE THE SUBJECT OF A STUDY BY EVOLUTIONARY BIOLOGIST PROF. PHILIP BARNES. RIGHT: CARL LEWIS '95 WITH VIDEO CAMERA USED TO CREATE DIGITAL IMAGES OF HERBARIUM SPECIMENS FOR AN ON-LINE HERBARIUM DATABASE.



Jack-in-the-pulpit (*Arisaema triphyllum*) are attractive wildflowers with the unusual habit of changing sex from male to female as an individual plant gets larger and older. Professor Philip Barnes has a few hundred "Jacks" growing in the Arboretum South Nursery for a study concerning the inhabitability of floral characteristics such as color, size and shape. Darcy Devin '97 worked on the project this summer.

PUBLICATIONS & REPORTS

Askins, R.A., W.R. Dreyer and M.J. Philbrick. 1995. Breeding bird census: oak-hemlock forest. *Journal of Field Ornithology* (Supplement) 66:76.

Askins, R.A., W.R. Dreyer and M.J. Philbrick. 1995. Breeding bird census: transition forest and thicket. *Journal of Field Ornithology* (Supplement) 66: 92-93.

Devito, Jill. 1994. Ecological Survey of reptiles and amphibians of the Connecticut College Arboretum. Independent Study Report, Zoology Department.

Dreyer, G.D. 1995. Maintaining Your Woodland Garden: Understanding and Managing Vegetation Change. pgs. 33-41 in: *Woodland Gardens*. Brooklyn Botanic Garden Handbook No. 145.

Lewis, Carl. 1995. Development of an interactive herbarium database and its integration into global information systems. Honors Thesis, Botany Department, Connecticut College.

Markow, Joseph. 1995. Competition among three species of woodland salamanders. Honors Thesis, Zoology Department, Connecticut College.

Reddington, Linda and G. Dreyer. 1995. Vegetation Survey of the John Baxter Dirlam Property, North Stonington, CT. Report for the North Stonington Citizens Alliance, Inc.

Taylor, Sally, "Getting into the Habit(at)." *American Nurseryman*. Sept. 15, 1995: 42-46.

ARBORETUM PUBLICATIONS

Canavan, R. W. and P.A. Siver. 1995. Connecticut Lakes: A Study of the Chemical and Physical Properties of Fifty-six Connecticut Lakes. Connecticut College Arboretum. 299 pp. This publication is the result of an honors thesis project by Rick Canavan '93, and long-term research conducted by Silfen Professor of Botany Peter A. Siver, his associates and students. Its printing was funded by the Connecticut Department of Environmental Protection.

In Press:

Dreyer, G.D. and W.A. Niering, eds. 1995. Tidal Marshes of Long Island Sound: Ecology, History and Restoration. Connecticut College Arboretum Bulletin No. 34.

In preparation:

Harvey, M.P. and G. D. Dreyer. Checklist of the Native Woody Plant Collection, Connecticut College Arboretum.

Devito, J. and J. Markow. Amphibians and Reptiles of the Connecticut College Arboretum.

New Self-guided Tour, Caroline Black Garden, and Wildflower Garden information brochures.

PLANT COLLECTIONS

The 1995 growing season began with a relatively mild winter and little snowfall. Unfortunately, a dry Spring was prolonged into a full 40 days without measurable precipitation, resulting in a very hot, dry summer. Combined with early cold and snow toward year's end, many damaged and even dead plants are expected for 1996.

CAROLINE BLACK GARDEN Due to relocation of the Vinal Cottage Driveway, 1995 brought the opportunity to redesign the Caroline Black Garden entrance. The new beds were designed by Arboretum Horticulturist Jeff Smith to blend with the Autumn Interest bed installed adjacent to the entrance in 1992.

Incorporating late-season interest for the time of year when college students are in residence is an ongoing priority in College landscape planning. Other objectives were low maintenance and the incorporation of new and useful ornamental taxa. The final product features easy-care perennials such as grasses in the genus *Miscanthus*, Goldsturm Black-eyed Susan, Daylilies and Sedum Autumn Joy. Some other drought-tolerant woody plants featured include Shubby Cinquefoil cultivars, Japanese Snowbell, Butterfly-bush and Bluemist Shrub.

This planting was dedicated to the memory of Sylvia Blake Harrison, daughter of Wendy Blake-Coleman '75, and funded by Sylvia's family, friends and the Class of 1975. An endowment for maintenance of the planting will be established. It was installed in April, 1995 by Arboretum staff and volunteers.

During summer and fall of 1995 Linda Reddington '95 worked on curating the Caroline Black Garden. By year's end about three quarters of the plants in the garden had been mapped, accessioned, labeled and entered into the BG-Base computer database. Now information on plants in the Black Garden is as accessible as that for the Native Woody Plant or Campus Tree Collections.

WILDFLOWER GARDEN RENOVATION Great strides were made in preparing the very rocky Edgerton and Stengel Wildflower Garden for a scheduled 1996 re-birth and re-dedication. Horticulturist David Longland, formerly of the New England Wildflower Society, was retained to help with trail and circulation design and to develop a planting plan. After the necessary tree removal and pruning, the new trail system was cleared and installed with processed stone over a two-inch base of crushed stone. John W. Deering, our associate for pond renovation and trail improvement for many years, supervised the trail building. The design called for the creation of nine planting beds which will be concentrated in the lower slope sections of the two acre garden. By Fall, an array of native shrubs and small trees was planted.

The Wildflower Garden Renovation was made possible by the generous contributions of Mary Louise Oak Cowen '44 and Bertram and Janet Leach Ryder '44. Re-dedication of the Garden is scheduled for May, 1996.

THE OUTDOOR THEATER, located in the heart of the Native Wood Plant Collection, is experiencing increased use as a performance site. In order to make this an even more attractive location for theatrical, musical and dance performances, an underground electric power cable was installed from Buck Lodge to the corner of the stage. At the same time new water lines were run from the bottom of the Laurel Walk to Buck Lodge, ensuring adequate water pressure in the future. Additional electrical conduits will be installed next year to allow power and sound cabling to run inconspicuously under the stage area.



NEW WOODY PLANTINGS

Main Campus

Abies concolor 'Candicans' (Gift of Meskwaka Tree Project)
Cytisus praecox 'All Gold'
Fothergilla major
Itea virginica
Malus 'Profusion'
Microbiota decussata
Picea omorika

Caroline Black Garden

Acer palmatum cv.
Buddleia davidii
Caryopteris x clandonensis 'Blue Mist'
Clethra alnifolia 'Hummingbird'
Hydrangea quercifolia
Ilex crenata 'Heleri'
Juniperus conferta
Juniperus sabina tamariscifolia 'New Blue'
Microbiota decussata
Potentilla fruticosa 'Goldfinger and 'Abbotswood'

Spiraea japonica 'Alpina'
Styrax japonica

Native Woody Plant Collection

Amelanchier laevis
Calycanthus floridus
Cercis canadensis and *C. c.* 'Alba'
Chionanthus virginicus
Cyrilla racemiflora
Halesia tetraptera
Ilex verticillata
Oxydendrum arboreum
Paxistima canbyi
Rhododendron calendulaceum
Rhododendron carolinianum
Rhododendron catawbiense 'Album'
Rhododendron maximum
Rhododendron perclymenoides
Rhododendron prinophyllum 'Marie Hoffman'
Rhododendron prunifolium
Rhododendron vaseyi and *R. v.* 'White Find'

LEFT: CRAIG VINE (RIGHT), JEFF SMITH (2ND FROM RIGHT) AND STUDENT VOLUNTEERS INSTALLING THE NEW CAROLINE BLACK GARDEN ENTRY PLANTING NEXT TO VINAL COTTAGE. CENTER: NEW TRAILS FOR THE RENOVATION OF THE EDGERTON AND STENDEL WILDFLOWER GARDEN WERE CONSTRUCTED BY CONSULTANT JOHN W. DEERING (LEFT), JEFF SMITH AND THE ARBORETUM SUMMER CREW. DEERING HAS ALSO BEEN CONVERTING THE MUDDIER TRAILS IN THE NATIVE PLANT COLLECTION TO PROCESSED GRAVEL. RIGHT: LINDA REDDINGTON '96 MAPPING PLANTINGS IN THE CAROLINE BLACK GARDEN.



PLANNING

THE CONNECTICUT COLLEGE FORUM

The Connecticut College Forum was established in 1992 to provide new ways for alumni, parents and friends to be more actively involved in the life of the College. An Arboretum and Environmental Studies Advisory Committee has been active since the start, and it met twice during 1995 with Arboretum Director Dreyer and Environmental Studies Program Director Peter Siver. Discussion topics ranged from long term financial planning to a survey of student perceptions of the Arboretum, to Campus land planning issues. The diversity and experience of this advisory group has been a tremendous asset our programs and to Connecticut College. Thanks to the following people who were actively involved during the past three years in this important committee.

Oakes Ames, New York City, Chairman
Ann Gaylord, Niantic, Conn.
Alison Flynn '94, Gales Ferry, Conn.
Barry Matt, New London, Conn.
Hatsy Moore '95, Watch Hill, Rhode Island
Saul Ricklin, Bristol, Rhode Island
Lois Ricklin '44, Bristol, Rhode Island
Sally Taylor, Quaker Hill, Conn.

LAND PLANNING AND USE COMMITTEE

A new Connecticut College Land Planning And Use Committee was officially established in February of this year for the purpose of overseeing all planning and use of college owned property, and for reviewing the campus' architectural design. The charge includes developing, recommending and implementing policies regarding campus lands and buildings, and advising the Buildings and Grounds Committee of the Board of Trustees concerning land and design related issues. The committee is responsible for land, landscape and other design related aspects of campus master planning, and acts to facilitate community discussion and education on planning and design issues. Co-chaired by Glenn Dreyer and

Rayanne Chambers '83, Director of Administration, the committee worked on a variety of projects including a land use classification system for all 750 acres of Connecticut College property which indicates the most appropriate or "highest and best" use of our land and includes a map. In the future some Committee functions will be similar to municipal planning, zoning and conservation commissions in resolving land use issues.

After intensive discussion the committee also developed a Statement of Principles which helps to identify the character and qualities of Connecticut College which should be used in guiding future land planning and architectural development. The Three Primary Principals are:

- 1. The Campus as an Arboretum: Conservation and Diversification.** This calls for a unity of the built environment with the college's surrounding lands and for managing all College property as Arboretum.
- 2. Stewardship: Landscape and Buildings.** An appreciation for and conservation of the best of our natural and human-made features requires an understanding of and respect for the campus as we have inherited it.
- 3. Complementing the Strategic Plan.** Change to the college's environment should be carefully considered in light of the ever-evolving strategic plan for the College's future.

Other Committee projects during 1995 were: selecting a firm to redesign the College's main entrance; creating a land inventory database; policies for gifts of trees, gardens etc.; encouraging computer based geographic information systems mapping of campus lands.

The following individuals served on the Land Planning and Use Committee during 1995:

Daniel Abramson, Art History
Kenneth Bleeth, English
Michael Brown '98
Alex Cote '97
James Luce, Physical Plant



DR. RICHARD GOODWIN,
PROFESSOR EMERITUS
OF BOTANY AND
DIRECTOR EMERITUS OF
THE ARBORETUM MADE
OPENING REMARKS AT
THE PUBLIC OPENING OF
THE SCIENCE CENTER OF
EASTERN CONNECTICUT,
IN THE ARBORETUM ON
GALLOWES LANE.

Amy Moulton '98
 William Niering, Botany
 James Norton, Physical Plant
 William Peabody, Physical Plant
 Anne Parmenter, Physical Education
 Chris Penniman, Academic Computing
 Janice Stockard, Anthropology
 Scott Warren, Botany
 Karen Wies, Development



NEWS UPDATE

In January, the new FW. Olin Science Center opened and the Arboretum moved into its new office space. Located on the first floor in Room 103, the suite contains a reception room, rear office, Director's office and a large lab/workroom. Along with the additional space comes added opportunities for working with volunteers and expanding our programs.

The Science Center of Eastern Connecticut (SCEC) officially opened the doors of its Gallows Lane facility to the public on June 17. Located on two acres of Arboretum property and formerly occupied by the Thames Science Center, the SCEC plans a full complement of science education programming for children and families. Great efforts were made this year by many volunteers, including the Board of Trustees, headed by Dr. Richard Hinman of Pfizer, Inc. The organization's bylaws require some College-appointed Board members to help ensure regular communication and cooperation between the Science Center and the College. Plans for 1996 call for hiring an executive director experienced in museum management.

STAFF NEWS

Dr. William A. Niering, Arboretum Research Director, was honored by the Connecticut Chapter of the American Society of Landscape Architects with the presentation of their 1995 Frederick Law Olmstead Medal. The Medal was presented to Bill at a dinner in the College's Hood Dining Room, Blaustein Humanities Center, and was preceded by remarks by President Claire Gaudiani.

College. The title was conferred on Bill by President Gaudiani after a unanimous vote by the College Board of Trustees.

Sally Taylor, Arboretum Education Coordinator and Professor Emeritus of Botany, was chair of the Connecticut Forest and Park Association's 100th Anniversary celebration, which brought Sir John Lister-Kaye and Lady Lucy Lister-Kaye to Connecticut for lectures at Yale and Conn.

Director Glenn Dreyer continued to serve as vice-chairman of the Connecticut Urban Forest Council and as a member of the Science Center of Eastern Connecticut's Board of Trustees. He also served on the Friends of Harkness State Park Board, the Aton Forest, Inc. Board and co-chaired the College's Land Planning and Use Committee.

Katherine Dame was promoted from Secretary to Program Coordinator, and began to work full-time for the Arboretum in January, 1995.

Horticulturist Jeff Smith married Linda Brine of Norwich in a June ceremony in the Arboretum Outdoor Theater. During the year Jeff audited Dr. Niering's ecology course and earned his pesticide applicator's license.

Susan Olmstead, a free-lance editor and desktop publisher who designed and co-edited Arboretum Bulletins 32 and 33, and produced our program brochures for the past five years, resigned. Graphic designer Alison Simko '82, of Mystic, Conn. and New York City, is now creating our program flyers.

In February Dr. Niering was named Lucretia Allyn Professor of Botany, a prestigious named chair traditionally held by the faculty member who has served longest as a full professor at Connecticut

RIGHT: ARBORETUM SUMMER STAFF, LEFT TO RIGHT: JEFF SMITH, LINDA REDDINGTON '96, RACHEL CHANDLER-WORTH '97, RUSS LEBO '97, CRAIG VINE. LEFT: PROFESSOR WILLIAM NIERING (LEFT) RECEIVED AN AWARD FROM AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS, CONNECTICUT CHAPTER PRESIDENT WHITNEY TALCOTT.

VOLUNTEERS & DONORS

Volunteers assist the Arboretum in many ways, from working at the annual plant sale, to helping our horticultural maintenance staff, from stuffing envelopes to building a compost bins. We extend our sincere thanks and warmest regards to following individuals who donated their time to the Arboretum this year.

Bob Askins
Philip Barnes
Hunter Brawley MA '95
Dick Conway
Kathy Dame '90
Wendy Dreyer
Chris Emerson '97
Alison Flynn '94
Gerry Fuller '45
Allen Gauthier
Julie Gerl
Ben Hayes '98
Jens Hilke '95
Ken Kraus
Erin Jule '98
Kevin Lang
Rus Lebo '97
Jake Marin '96
Barry Matt
Trudie Mckean
Bill Niering
Tom O'Connor '97
Bridgitte O'Donoghue '96
Maggie Philbrick '85
Nancy Phillips
Betty Pinson
Linda Reddington '96
Erin Shafto '97
Jeff Smith
Nancy Spinner
Toni Tabak
Sally Taylor
Craig Ungaro '97
Craig Vine
Sheila Wertheimer '84
Emily Wharton
Tex Wolfolk

A special thanks is due to the following individuals and organizations who all made contributions well above the individual membership level.

Mr. H. Laurence Achilles
Dr. & Mrs. Oakes Ames
Mrs. R. H. Areson
Mr. Harold Arkava
Ms. Eleanor Babbitt
Mrs. Charles Becker
Mrs. Anne W. Bell
Mr. James L. Catterton
Ms. Wendy Blake Coleman
Ms. Kincaid P. Connell
Dr. Harriet Creighton
Ms. Martha Davis
Dawley's Landscaping & Lawn
Mr. John W. Deering
Ms. Elizabeth V. Dodge
Ms. Vita Dodson
Ms. Marion E. Doro
Ms. Ellen Ebersole
Ms. Kristine Flecke
Ms. G. P. Fuller
Mr. Reginald Fullerton
Harriet Chappell Moore Foundation
Mrs. John T. Garbutt
Mrs. Arthur N. Garden
Mrs. Harvey Gaylord
Mrs. Reynolds Girdler
Dr. & Mrs. Richard Goodwin
Mr. Jonathan Graham
Mr. Peter B. Griffin
Mrs. George Haderer
Ms. Margaret Harlow
Ms. Margaret K. Hazlewood
Mrs. Lon W. Homeier
Mrs. C. Bremmer Jackson
Mr. Michael D. Johnson
John Deering, Inc.
Ms. Barbara R. Kashanskie
Ms. Judith C. Keanon
Mrs. Albert M. Kronick
Mr. Jay Levin
Ms. Constance Loynes
Mr. & Mrs. Markay Malootian
Dr. & Mrs. James Marrs

Mr. Peter Matthews
Mr. Chip Meehan
Ms. Hatsy Moore
Mrs. Leonard Moore
Mrs. Thomas F. Moore
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Ms. Martha J. Moulton
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