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“Learning Garden” Teaches Landscaping Skills

By Candace Pollock, (330) 202-3550
pollock.58@osu.edu
Source: Michael Knee
(614) 292-3684
knee.1@osu.edu

COLUMBUS, Ohio – Anyone seeking basic landscape garden design skills or wanting a new look to an existing layout can get hands-on experience at BioHio 2001.

Ohio State University horticulture students are designing a “learning garden,” an outdoor laboratory for learning about constructed landscapes commonly found in the urban Midwest, around Howlett Hall on the College of Food, Agricultural, and Environmental Sciences campus. Visitors to BioHio will have the opportunity to tour the “learning garden,” view a model of the completed garden and design their own garden landscape with model trees, plants and turfgrass.

Michael Knee, an OSU horticulturist who is collaborating with the students on the project along with OSU horticulturist Pablo Jourdan, said the purpose of the “learning garden” is for people to grasp a basic understanding of plant selection, design and maintenance in a residential setting.

“The project is a spin-off of garden design at English universities,” said Knee. “The students here wanted more hands-on experience in landscape design and used the designs they had seen in study-abroad programs as a basis for this project.”

BioHio will be held on the Columbus campus of the College of Food, Agricultural and Environmental Sciences from 9 a.m. to 4 p.m. May 10-12. The three-day event will feature hands-on demonstrations, exhibits and tours covering agriculture, the environment, gardening, managing wildlife, fish farming, native plants, plant diseases and more.

The “learning garden,” part of Chadwick Arboretum, will become a permanent fixture on the college campus once it is completed. Knee said much of the garden will still be under construction come BioHio, but visitors will have the opportunity to tour a wildflower garden that students planted in 2000, as well as view trial gardens around the area that are used for research and demonstration of new selections of annuals, perennials and grasses.

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Knee hopes that the public will walk away from the visit with an idea of the wide array of plant arrangements that are available. “Getting a structure into a landscape is important,” he said. “Sometimes people go out to a garden center and buy all kinds of plants, get home and then realize that they really don’t know how to arrange them. Through the ‘learning garden’ people can find out what kinds of plants to use and ways to lay them out.”

BioHio is sponsored by the college’s components – OSU Extension, the Ohio Agricultural Research and Development Center, OSU Agricultural Technical Institute, and Academic Affairs. Admission and parking are free.

Parking for BioHio will be north of the Schottenstein Center off of Fred Taylor Drive in the Schott Special Events Parking Lot. Access to the lot will be from Ackerman Road via state route 315. Signs will be posted on state route 315, Ackerman Road and Lane Avenue to direct visitors to event parking. Buses will shuttle visitors to the event from the parking area.


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Wylie Gives Flag to OSU

By BILL ZIPF
Dispatch Farm Writer
A flag once flown atop the U.S. Capitol in Washington now flies from a shiny, new flagpole at the entrance to the Ohio State University horticulture department's ornamental gardens.

The flag was presented to Dean Roy Kottman of the OSU agricultural complex by U.S. Rep. Chalmers P. Wylie, R-Columbus.

AN HONOR GUARD of the university's Navy ROTC participated in brief ceremonies at the northeast corner of the Agricultural Administration Building along Fyffe Rd. just south of Lane Ave.

Wylie read from a letter he received from Cleveland native George M. White when the flag was delivered to the congressman's Washington office.

White is the architect of the Capitol.

HIS LETTER advised that the flag had been displayed from a Capitol flagstaff on Sept. 27.

Ken Reich lined up the flag after a flagpole was installed at the gardens. He asked Wylie for a Capitol flag, since the federal legislator's 10th congressional district includes the university. The district covers the western part.

Reich is associate dean of the College of Agriculture and Home Economics. His specialty was landscape horticulture before moving to the administrative post.

PHIL KOZEL of the horticulture department's landscape division told how the gardens are used as an outdoor laboratory for students. They set and plant trees, shrubs and flowers, then prune, fertilize and mulch plants, and clip turf plots. They also study the control of insects and plant diseases.

Kozel, another Cleveland native, completed undergraduate and master's studies at Ohio State. He was awarded a doctorate by Cornell University and was on the New York State College of Agriculture staff when offered an opportunity to join the OSU faculty.

The gardens are under the supervision of Henry Howells, the horticulture department's landscape superintendent. He retired as personnel director of the Columbus Westinghouse plant a year ago last March.

KOZEL mentioned how the state's agribusinessmen contributed seedlings, plants, seeds and mulches for the gardens.

"Most of the trees, shrubs, and turf and flower plots are labeled," he added.

His comment prompted Reich and Howells to tell how the gardens are always open to the public.

HAVING the gardens open for public inspection amounts to about the same things as having the Ohio State Farm Science Review ornamental horticulture displays available the year around.

Metered visitor parking spaces are south and southeast of the Agricultural Administration Building.

One who could well become a worker in the ornamental gardens is Nancy Vinkler of Mentor.

SHE WAS high individual in a national horticulture contest last week's National Future Farmers of America Convention in Kansas City, Mo.

It was the first time for a national horticulture contest at a National FFA concourse. Contest teams of three members each numbered 33.

CAPITOL FLAG — Dean Roy Kottman, left, and U.S. Rep. Chalmers P. Wylie, R-Columbus, observe the unfurling of a flag once flown at the U.S. Capitol in Washington as members of a Navy ROTC honor guard stand at attention at the base of a new flagpole at the entrance to the Ohio State University horticulture Department's ornamental gardens. (Dispatch Photo).
NANCY’S Mentor FFA teammates were Daniel Cooper and Frank Cummings. The team placed sixth and was awarded a gold emblem plaque. Nancy received a trophy and a gold medal.

PRESENTATIONS were made at an awards breakfast sponsored by the American Association of Nurserymen, Inc., of Washington, D.C.
The contest was sponsored by the association and the National FFA Foundation, Inc.

The contest is designed to test the skills participants learn in vocational agriculture classes, to judge and identify ornamental plants and horticultural products. Contestants also took a written examination testing general knowledge of such subjects as plant anatomy, growing media and diagnosis of plant disorders.
April 18, 1980

Dr. Roy M. Kottman, Dean
College of Agriculture
and Home Economics
2120 Fyffe Road
Campus

Dear Dean Kottman:

Attached is a proposal for the establishment of The Chadwick Arboretum on the OSU campus. As you are aware, due to the vision and foresight of many faculty members and others from the early years through to the present, major emphasis has been placed on the use of specimen trees and other plant materials in landscaping the campus, consequently the campus has truly taken on the flavor of an arboretum located in a setting where it can be used and enjoyed by large numbers of people. At the time of the annual meetings of the ASHS and ASPP held on the OSU campus last summer, plantsmen from across the country were highly complimentary of the beauty of the campus and the imaginative selection of plant materials. Many were envious.

There have been numerous people, past and present, that have worked hard to bring the campus to its present status. Certainly one that had a dominant influence was Dr. L. C. Chadwick, who it has long been recognized as one of the true plantsman of our profession. It would seem highly appropriate because of Chad's long identity with and dedication to the University that the campus plantings be identified as The Chadwick Arboretum. Such would provide stimulus to further refine the plantings, encourage contributions to the arboretum, more fully develop the learning and study of opportunities for young and old alike, and provide recognition for one that has been so dedicated.

The proposal has been developed with inputs from Richard Arnold (Campus Planning), Dean Ramsey, Ken Reisch, Dan Lineberger, Steve Still, and Elton Smith, and with the enthusiastic support and encouragement from Columbus Landscape Association, Ohio Nurseriesmen's Association, International Society of Arboriculture, etc.

The key elements involved in Phase I, the naming of the campus plantings as The Chadwick Arboretum which would be headquartered at the Horticulture Gardens adjacent to the Agriculture Administration Building, the appropriate labeling and identification of specimens throughout the campus, the development of a brochure with a description of the campus plantings with appropriate directions, and from time to time additions of appropriate new specimens to the overall collection. Much if not all of Phase I could be accomplished with designated gift monies.
April 22, 1981

Editor
On Campus
102 Administration Bldg.
190 North Oval Mall
Campus

Gentlemen:

The Ohio State University Board of Trustees in July, 1980 established The Chadwick Arboretum on the campus of The Ohio State University. To help celebrate this occasion The Chadwick Arboretum Board of Directors is planning a Dedication Ceremony at 2:00 PM on Sunday, May 24, 1981 in the Agricultural Administration Building, 2120 Fyffe Road, Columbus, Ohio.

An announcement of this activity is enclosed along with a recent photo of Dr. Chadwick for whom the Arboretum has been named.

We would appreciate your use of this information in any publications you maybe preparing within the next month.

For any additional information, please don’t hesitate to call me at 614-422-9775.

Sincerely,

Elton M. Smith
Professor of Horticulture

EMS/mm
PROPOSAL - TO ESTABLISH AN ARBORETUM ON THE CAMPUS OF THE OHIO STATE UNIVERSITY

NAME OF ARBORETUM --- The Chadwick Arboretum

Dr. L. C. Chadwick, O.S.U. Professor Emeritus was employed for 38 years in the Department of Horticulture in Teaching, Research and Extension. His efforts to collect or produce cultivated landscape plants from throughout the world and his active role on the campus grounds committee in large measure account for many of the very fine specimens of plants on the O.S.U. campus today and its overall excellent landscaping. Dr. Chadwick is recognized worldwide for his contributions to the field of Landscape Horticulture. Dedicating the campus landscape as The Chadwick Arboretum would be a fitting tribute to one who has given so much to the University and to thousands of students who studied under him as well as others who will continue to benefit from the legacy he has left on our campus.

PURPOSES OF ARBORETUM

Several significant objectives relating to education, research and enhancement of the environment can be achieved by creating The Chadwick Arboretum.

1. To enhance the education of students. The Arboretum would be used extensively by students in Agriculture, Biological Sciences, Landscape Architecture, Natural Resources and other disciplines relating to plants and the environment.

2. To extend the education of the general public.

Neither the city of Columbus nor Franklin County have an Arboretum which the general public can visit for their enrichment or pleasure. The general public would be welcome and, in fact, encouraged to visit The Arboretum and consequently the campus for their own education.
3. To encourage research with landscape plants by faculty and graduate students. Improvements in new plant introductions originate from studies of plants as they relate to hardiness, resistance to pests, nutritional and other cultural requirements as well as environmental concerns. Comprehensive collections of specific groups of plant materials are desperately needed for research purposes and observation by the commercial nursery-landscape industries as well as the general public.

4. To enhance the aesthetic qualities of the campus for the benefit of all those who attend, are employed by or visit The Ohio State University. The Horticulture Gardens north of the Agricultural Administration Building now attract many visitors to the campus each year. An extensive Arboretum would add greater interest to the campus, enhance the aesthetic and functional aspects and attract even more visitors from central Ohio as well as distant points.

LOCATION OF ARBORETUM

Since excellent specimens of landscape plants exist throughout the campus the entire Columbus campus landscape would become The Chadwick Arboretum. It is proposed that selected plant materials throughout the campus would be appropriately labeled and the present Horticulture Garden near West Lane Avenue and Fyffe Road would initially serve as the headquarters. It is hoped that an area of several acres to the east and/or north of the Poultry Science complex on West Lane Avenue could be developed as an addition to The Arboretum to provide space for plant collections.

SCOPE AND FUTURE PLANS

The development of The Arboretum, as viewed by the planning committee, would consist of two phases.
During the initial phase, selected plant materials on the campus would be identified with an appropriate label and the name and location would be incorporated into a finding guide that would be available to students, faculty and the general public. Many excellent specimens of cultivated and native landscape plants already exist on the campus, even though widely scattered, and these would comprise the basic core of The Arboretum. The Horticulture Garden, currently the major teaching laboratory for plant materials, would serve as the headquarters or focal point of The Arboretum due to its visibility and accessibility to campus visitors, its proximity to majors in plant science and ease of visitor parking. Once the Arboretum has been officially created, plants on campus identified, a brochure and promotional publicity developed, the second phase could be launched.

Phase Two is envisioned as an expansion program, whereby, one or more new sites would be developed in which specimen plants not already on the campus and plant collections for teaching and research would be included. This phase would be developed as sites and funds become available. A detailed long range plan for, Phase Two would be developed with inputs of all campus units which would have teaching or research interests related to The Arboretum.

A well planned Arboretum on the campus should result in many positive benefits for the entire University which would include aesthetic enhancement, a pleasant environment for study and work, a major public feature in central Ohio and an aid in the recruitment of future students.

COOPERATING UNITS

 Associations Off Campus

Members of the Kiwanis Club of Northern Columbus originated the idea of The Chadwick Arboretum to recognize Dr. Chadwick one of their long time members who has served the Club, the Division and the Ohio District in many capacities. The Columbus Landscape Association also in recognition of Dr. Chadwick's contributions
supported the idea with a commitment of funds and an expressed willingness to assist with future plantings. The Arboretum has received encouragement from the Ohio Nurserymen's Association and The Ohio Chapter, International Society of Arboriculture.

Units On Campus

Participants in the planning of the Chadwick Arboretum has been from representatives of the following University units:

The Office of Campus Planning and Space Utilization (Richard Arnold)
Grounds Maintenance in the Office of Physical Facilities (Dean Ramsey)
College of Agriculture (Kenneth Reisch)
Department of Horticulture (Dan Lineberger, Steve Still, Elton Smith)

FUNDING OF ARBORETUM

Only limited funding will be necessary during the initial phase of the Arboretum's establishment. Funding will be necessary upon expansion of The Arboretum to new sites.

During the initial phase, the present Horticulture Gardens will be identified with The Chadwick Arboretum sign, and selected plant materials will be identified with a label that will not interfere with mowing of turf or distract from the appearance of the plant. A finding guide will be developed by faculty in the Department of Horticulture identifying plants already in the campus landscape. This phase should not require funding beyond the $500.00 already committed by the cooperating units.

Upon expansion of the Arboretum to new lands a need for funding will be necessary to assist with land preparation, plant acquisitions and maintenance. The cooperating associations and organizations will be asked for financial assistance. The cost of this phase cannot be determined until new sites have been committed, site preparation studies made and other costs evaluated.
THE OHIO STATE UNIVERSITY CHADWICK ARBORETUM DEDICATION

The Chadwick Arboretum established by The Ohio State University Board of Trustees on July 11, 1980 which named the campus horticultural gardens in honor of Emeritus Professor Lewis C. Chadwick will be dedicated Sunday, May 24, 1981. The formal ceremonies will be held at 2:00 P.M. in the auditorium of the Agricultural Administration Building, 2120 Fyffe Road, Columbus. Following the program, featuring Fred Galle, Curator of Callaway Gardens, Pine Mountain, Georgia, guests will have an opportunity to visit The Chadwick Arboretum Gardens and participate in a walking tour to view selected plant materials on the main campus.

Ohio State's Board of Trustees approved the name of the "Chadwick Arboretum" for the gardens north of the Agricultural Administration Building and for areas of garden expansion. The Board resolution also noted that Chadwick had been responsible for tree plantings throughout the Ohio State campus and urged appropriate labeling of the trees.

The major role of the arboretum is to establish a collection of plants on campus for educational and scientific purposes. In addition to providing a plant study field laboratory for students in interested departments, there will be opportunity for research on hardiness, adaptability and specific plant characteristics. A unique aspect of the Arboretum will include the labeling of plants throughout the campus and the development of self-guided tours for students and staff as well as the general public.

The Chadwick Arboretum not only honors an outstanding teacher and scientist but also provides an enriching resource in central Ohio which will be of significant benefit to students and programs in the College of Agriculture and Home Economics, The Ohio State University and the general public.
Dr. Chadwick retired in 1967 after 38 years of teaching, research and extension activities in the Department of Horticulture of The Ohio State University. He authored or co-authored several books, has written numerous scientific papers and has received many honors during his career. Dr. Chadwick was elected to the Ohio Agricultural Hall of Fame, is a recipient of the Alfred J. Wright Award from O.S.U. and has been granted Honorary Life Membership in the International Society of Arboriculture, which he served as Secretary-Treasurer and Executive Director for 32 years. He also received the Distinguished Contribution Award from the Ohio Nurserymen's Association, the Norman J. Coleman and the Outstanding Educators Award of the American Association of Nurserymen and the prestigious Liberty Hyde Bailey Award from the American Horticulture Society.

Dedication ceremonies will be held rain or shine! Parking will be available.
The Chadwick Arboretum, located on The Ohio State University Campus, is a public garden featuring specimens of viburnums (May), perennials (May–June), ferns (May–October), annuals (May–October), day lilies (June–July), ornamental grasses (August–October), a rock garden (April–May), and a fine selection of shade and ornamental trees. Instituted in honor of Dr. Lewis C. Chadwick, Professor Emeritus of Horticulture, the Arboretum has been growing since 1980 when its roots were established. Currently comprised of 3 acres on the Agriculture Campus south of Lane Avenue, the Arboretum is in the process of expansion to 40 acres in which a time garden, herb garden, fragrance and tactile garden, marsh and wildlife refuge, lily pools, and a birdwalk will be highlighted.

Besides the area concentrated on the Agriculture Campus, specimen trees and shrubs located throughout Campus may be seen through self-guided walking tours. Pamphlets introducing these selections may be obtained at the OSU Visitor Information Center, Mershon Auditorium, 30 West 15th Avenue, and the Arboretum Office, 2001 Fyffe Court, Columbus, Ohio 43210. Guided group tours can be made by appointment through the Arboretum Director by calling (614) 292-6027. Admission is free.

The fundamental goal of The Chadwick Arboretum is experimental in nature. Through researching, studying, and testing various plants that survive in different climates and conditions, information can be made available to those interested in growing these varieties. The Chadwick Arboretum is open 7 days a week during daylight hours for your enjoyment and education.

-Amy Fay
Arboretum provides research opportunity for woods watchers

By Mark A. DePassio
Lantern staff writer

Nestled away behind the Agriculture Administration Building is an arboretum known primarily to students and faculty involved in the study of plants.

While the arboretum has only a short history, it is dedicated to a man with a 38-year history as a professor of horticulture at OSU, Professor Emeritus L.C. Chadwick.

The Chadwick Arboretum was established by the OSU Board of Trustees in July 1980, according to Elliott Smith, co-chairman of the Chadwick Arboretum Board of Directors and professor of horticulture. Smith said it is important to the department that recognition is made to those who have made contributions to the study of horticulture.

An arboretum is an area of plants cultivated for scientific purposes. "It is rich in plant materials," Smith said, "and was designed to assist students in identifying plants."

Patrick Eakin, a senior from Columbus and a landscape horticulture major, said he uses the Chadwick Arboretum "quite a bit" in his plant identification classes. "The arboretum has woody and herbaceous plants," Eakin said. "It is a very good source of study because there are many different and unusual plants in one area which allows for comparison."

Smith said there are plans for further development of the Chadwick Arboretum and for expanding the project to other areas of the campus that are suitable for holding a collection of plants. He added, however, that planning will not begin until there is money for the department to work with.

"The Board of Trustees established the arboretum but did not fund it," Smith said. He stressed that no taxpayer money was used on the development of the Chadwick Arboretum and funds came from outside sources. The department asks for contributions from associations within the industry, he added.

Horticulture students and anyone who enjoys identifying a wide variety of plants can have a field day at the Chadwick Arboretum, located behind the Agriculture Administration Building.
THE CHADWICK ARBORETUM

A WALKING TOUR
Medical Area

CSU Cooperative Extension Service
The Ohio State University
One of the principal educational goals of The Chadwick Arboretum is the dissemination of knowledge concerning plants of landscape horticultural merit. As a means for reaching this goal, the Arboretum staff is publishing a series of self-guided tours of the Arboretum grounds, including many designated areas on The Ohio State University campus.

Dr. L. C. Chadwick, for whom the Arboretum is named, has worked cooperatively with university planners for many years in selecting appropriate plant materials to be used on the campus. The result has been an outstanding array of distinctive landscape materials on the grounds of The Ohio State University that are invaluable as teaching specimens for students and the general public.

This tour is self-guided, and every effort has been made to precisely locate the plants on the map of the area. Plant labels are located at the base of each tree or in a prominent place in a planting of shrubs to aid in positive identification. Brief descriptions of the outstanding attributes of the plants, their potential uses in the landscape, or other pertinent information is found in the numbered text.

Please feel free to visit the Arboretum often and follow the plants through their magnificent seasonal displays.

Prepared by:
R. Daniel Lineberger
Associate Professor of Horticulture
The Ohio State University
and
Patricia E. Petri
Student Assistant

All educational programs and activities conducted by the Ohio Cooperative Extension Service are available to all potential clientele on a non-discriminatory basis without regard to race, color, national origin, sex or religious affiliation.

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Issued in furtherance of Cooperative Extension work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, George Gist, Acting Director of the Cooperative Extension Service, The Ohio State University.

1. Acer saccharum
   Sugar Maple
   Large, slow growing shade tree with good yellow to red fall color. Not tolerant of city conditions. The sap of this tree is used to make maple syrup.

2. Platanus x hybrida
   London Planetree
   Similar to the American sycamore, this tree has patchy, peeling bark. Prefers moist soils. Not particularly well suited for the home landscape due to its large size.

3. Tilia platyphyllos
   Bigleaf Linden
   A coarse textured tree whose black bark almost looks as if it had been scorched by fire.

4. Koelreuteria paniculata
   Paniced Goldenrain Tree
   Medium sized, low branching tree with clusters of showy yellow flowers in July. Papery fruits persist throughout the winter. Withstands drought and is tolerant of city conditions.

5. Liriodendron tulipifera
   Tuliptree
   One of our tallest native deciduous trees, tuliptree is definitely not for the small residential site. Yellow-orange tulip-like flowers are borne high in the tree in mid-May. Distinctive oddly shaped leaves turn yellow in the fall.
**Flowering Crabapple**  
Crabapples are usually planted for their outstanding display of red, white, or pink flowers in the early spring. Most varieties also have an abundance of red or yellow fruit. Habits range from upright to spreading to weeping. Care should be taken to plant cultivars resistant to fireblight and apple scab.

7. *Gleditsia triacanthos*  
**Thornless Honeylocust**  
A fast growing tree providing light shade through fern-like foliage. Tolerant of city conditions, including drought, and also salt tolerant. Foliage is yellow in the fall.

8. *Euonymus alatus*  
**Winged Euonymus, Burning Bush**  
Often used as a specimen or hedge plant because of its bright red fall color. The winged branches add interest during the winter months. This plant can grow to 20', and even the dwarf form will ultimately grow to 10'.

9. *Taxus* sp.  
**Yew, Taxus**  
Formal hedges and mass plantings (see arrows on map) are but two of the ways the evergreen Taxus can be used in the landscape. They are very tolerant of pruning, and can be shaped into various forms. Taxus have excellent year-round color, and come in a variety of forms, both spreading and upright. Taxus require excellent drainage.

10. *Crataegus mollis*  
**Downy Hawthorn**  
This is the first hawthorn to flower in the spring. Red fruit ripens in late August and September, but falls soon after. Fall color is bronze.

11. *Platanus orientalis*  
**Hippocrates Oriental, Hippocrates, Planetree**  
This tree of Hippocrates was grown from a seed of the tree growing on an isle of Cos, Greece, said to be the very tree under which Hippocrates, the father of medicine, taught.

12. *Liquidambar styraciflua*  
**American Sweetgum**  
Medium to fast growing tree with a pyramidal habit when young. Star shaped lustrous leaves have a yellow to red fall color. Excellent lawn or street tree.

13. *Acer platanoides*  
**Norway Maple**  
(purple leaf form)  
This slow growing maple retains its maroon color throughout the season. Its dense shade and shallow root system limit successful turf culture under tree. Norway maple tolerates heat and drought better than sugar maple. Purple leaf cultivars include 'Crimson King' and 'Faassen's Black'. 'Schwedleri' has purple leaves early in the season, but these turn to green in early summer.

**Flowering Crabapple**

15. *Pinus nigra nigra*  
**Austrian Pine**  
The pines are a group of needle-type evergreens, with the needles grouped in bunches, or fascicles. The number of needles per fascicle aids in identification of the pines. Austrian pine has 2 needles per fascicle. This pine becomes flat-topped with age, with beautiful, mottled bark. Withstands city and seaside conditions.

16. *Pinus sylvestris*  
**Scotch Pine**  
Scotch pine has needles arranged in pairs. Often used as a Christmas tree when young, becoming wide spreading and picturesque with age. The bark is often orange in color.

17. *Catalpa speciosa*  
**Northern Catalpa**  
A old-fashioned tree, not planted much anymore. Cigar-like fruit up to 20" long can be quite messy on lawns.

18. *Quercus palustris*  
**Pin Oak**  
Strongly pyramidal in outline with lower branches pendulous, causing problems over walks and drives. Tolerates wet soils. Intolerant of alkaline soils where iron chlorosis can create a significant problem.

19. *Picea pungens*  
**Colorado Spruce**  
Often a blue-foliaged cultivar is used as a specimen tree. Colorado spruce is more drought tolerant than other spruces.

20. *Picea omorika*  
**Serbian Spruce**  
Probably the best ornamental spruce for the Midwest. Needles have dark green glossy surface in contrast to the white lines on the lower surface. Slow growing.

21. *Picea abies*  
**Norway Spruce**  
Medium to fast growing, pyramidal with pendulous branchlets. Norway spruce tolerates clay soils.

22. *Fagus grandifolia*  
**American Beech**  
Large, slow-growing native tree noted for its silvery bark. Fall color is a golden bronze. Will not withstand wet or compacted soil. Dense shade limits successful turf culture under tree.

23. *Zelkova serrata*  
**Japanese Zelkova**  
A low branched, vase-shaped tree. Beautiful bark, cherry-like and often exfoliating. Yellow-orange to red fall color. Well suited for lawns and streets.

24. *Aesculus hippocastanum*  
**Common Horsechestnut**  
Large, coarse-textured tree not well suited for the small landscape. Very showy white flowers in May, fruit matures in September.

25. *Cornus sericea*  
**Yellow Twig Dogwood**  
'Flaviramea'  
This yellow twig form spreads by underground shoots, and can spread to 10' with a height of 7-8'. Often seen in wet, swampy situations.

26. *Crataegus viridis*  
**Winter King Hawthorn**  
'Rattle Box'  
Rounded habit, almost vase-shaped. Large red fruit. Less susceptible to rust than other hawthorns.

27. *Malus* sp. (purple leaf form)  
**Flowering Crabapple**

28. *Platanus occidentalis*  
**American Planetree, Sycamore**  
One of our tallest eastern native deciduous trees. Irregular habit with exfoliating bark. Does best in moist soils along rivers and streams. Not for the small landscape.

29. *Crataegus phaenopyrum*  
**Washington Hawthorn**  
Excellent ornamental or street tree with white flowers in June and red fruit coloring in September and persisting into winter. Fall color varies from orange to scarlet.

30. *Pinus strobus*  
**Eastern White Pine**  
Long, soft needles in groups of five. Probably the fastest growing pine. Extremely intolerant of salt and air pollutants.
31. Tilia cordata Littleleaf Linden
A formal pyramidal tree with fragrant yellow flowers in late June. Often planted as a street tree, but may not perform well under city conditions.

32. Ligustrum obtusifolium regelianum Regel's Privet
A horizontal, spreading plant used for screening or hedges with numerous blue-black berries from fall through winter.

33. Prunus subhirtella pendula Weeping Higan Cherry
Grows 20-30' with a spread of 15-20'. Grafted on an understock. Flowers are pink, single, opening in mid-April.

34. Acer rubrum Red Maple
Good medium sized lawn or street tree. Showy red flowers in late March and red fruit and fall color characterize this species. 'Autumn Flame', 'October Glory' and 'Red Sunset' are cultivars with good red fall color.

35. Viburnum carlesii Koreanspice
Rounded shrub, 4-8', with extremely fragrant white flowers in late April to early May.

36. Betula pendula European White Birch
Graceful pendulous branching habit. Leaf miner and bronze birch borer are serious pests. This specimen is a cutleaf variety.

37. Ginkgo biloba Ginkgo
One of the world's oldest tree species, ginkgo will grow in almost any situation and makes an excellent city tree. Beautiful yellow fall color. Care should be taken to plant a named, male cultivar, such as 'Autumn Gold' or 'Santa Cruz', as the ripe fruit is quite foul smelling.

38. Quercus macrocarpa Bur Oak
A coarse textured, slow growing oak, probably too large for the home landscape; however, it makes a nice park area tree.

39. Koelreuteria paniculata Panicked Goldenrain Tree

40. Quercus imbricaria Shingle Oak
Broad pyramidal tree with lustrous dark green foliage. Somewhat tolerant of city conditions. Serves as a lawn or street tree.

41. Cladrastis lutea American Yellowwood
Low branching tree growing 30-50'. Pendulous white fragrant flowers in late May to early June. Tolerates acid or alkaline soils. Prefers full sun.

42. Gymnocladus dioicus Kentucky Coffeetree
Adaptable to a wide range of environments including drought and city conditions. Large leathery pods remain on female trees throughout the winter.

43. Liriodendron tulipifera Tuliptree

44. Amelanchier laevis Allegheny Serviceberry
Beautiful small tree for all season interest. White flowers in the early spring, followed by edible berries changing from red to black in June. Fall color varies from yellow to orange to red. Full sun or partial shade.

45. Quercus rubra Red Oak
Fast growing oak that withstands pollution. Glossy green leaves change to red in autumn. Use in lawn or park areas.

46. Chaenomeles japonica Japanese Flowering Quince
Low growing thorny shrub with brightly colored white to orange to pink to red flowers in April. May pose somewhat of a maintenance problem as thorns tend to collect leaves and debris.

47. Potentilla fruticosa Potentilla, Bush Cinquefoil
Compact, bushy shrub exhibits yellow flowers from May to frost. Withstands poor, dry soils. Flowers best in full sun, but does well in partial shade. Can be used as an edging plant, a low hedge, or in mass.

48. Crataegus phaenopyrum Washington Hawthorn

49. Pyracantha occinea Pyracantha, Scarlet Firethorn
Thorny evergreen shrub with attractive white flowers and orange-red fruit. Can be used as a hedge or trained as an espalier on walls or fences. Suggested cultivars include 'Chadwicki', 'Lalandii', and 'Wyselli'. Plant in a protected location to reduce winter injury.

50. Cercidiphyllum japonicum Katsuratree
Excellent tree for residences or streets. Relatively fast growing, reaching 40'. Fall color varies from yellow to apricot.

51. Tilia cordata Littleleaf Linden

52. Hamamelis vernalis Vernal Witchhazel
Large shrub that will grow in full sun or up to ¾ shade. Small yellow to red flowers appear in late January to early February. Grows in moist soils and in clay. Golden yellow fall color.

53. Pinus sylvestris Scotch Pine

54. Picea abies Norway Spruce

55. Pinus nigra nigra Austrian Pine

56. Crataegus crusgalli Cockspur Hawthorn
Dense, flat-topped tree with extremely long thorns. Fruits are deep red and persist into late fall.

57. Carpinus caroliniana American Hornbeam, Musclewood
The gray, fluted bark is reminiscent of muscles, hence the name musclewood. Yellow, orange, or red fall color. Does well in heavy shade. Grows best in a naturalized situation.

58. Hydrangea quercifolia Oakleaf Hydrangea
Large, oak-like foliage with spectacular fall color in shades of red, orange, and purple. Coarse textured. White flowers in late June with dried heads persisting. Shade tolerant.

59. Tsuga canadensis Canadian Hemlock
One of the few conifers to tolerate shade. Pyramidal growth habit. Does not tolerate wind or drought.
60. *Malus* sp. (weeping form)  
Weeping Flowering Crabapple

61. *Taxus baccata*  
'Repandens' (Repandens)  
English Yew  
Dwarf, wide spreading yew, grows well in shade.

62. *Ginkgo biloba*  
Ginkgo

63. *Magnolia virginiana*  
Sweetbay Magnolia  
Multistemmed shrub bearing creamy white, lemon-scented flowers in June, followed by red fruit. Does well in very wet soils and in clay.

64. *Malus* sp.  
Flowering Crabapple

65. *Acer saccharum*  
Sugar Maple

66. *Pyrus calleryana*  
'Bradford'  
Bradford Callery Pear  
Beautiful lawn or street tree with glossy green leaves changing to scarlet or purple in the fall. Covered with white flowers in late April. Prune out multiple leaders and weak crotches to make tree resistant to wind damage. Other cultivars include, 'Aristocrat', 'Chanticleer', and 'Cleveland Select'.

67. *Prunus subhirtella pendula*  
Weeping Higan Cherry

68. *Malus* sp. (weeping form)  
Weeping Flowering Crabapple

69. *Tilia cordata*  
Littleleaf Linden

70. *Magnolia soulageana*  
Saucer Magnolia  
Small specimen tree with white flowers flushed with pink in late April. Prefers full sun and an acid soil.

71. *Cercis canadensis*  
Eastern Redbud  
Often multistemmed, flat-topped to rounded tree growing 20-30'. Pink flowers in April along the stems and branches. Does well in most soils except permanently wet ones. Tolerates light shade. Good in a naturalized setting.

72. *Acer rubrum*  
Red Maple

73. *Platanus occidentalis*  
Sycamore, American Planetree

74. *Picea abies*  
Norway Spruce

75. *Acer saccharum*  
Sugar Maple

76. *Gleditsia triacanthos inermis*  
Thornless Honeylocust

77. *Ginkgo biloba*  
Ginkgo

78. *Koelreuteria paniculata*  
Panicled Goldenrain Tree
OSU will dig new lake to expand arboretum

By Nancy Rollins
Lantern staff writer

A new lake is planned for the university — one that will be more than a mirror image of the existing one.

"(It will be) bigger than Mirror Lake," said Dean Ramsey, director of grounds maintenance and facilities. The lake will be north of Lane Avenue on the Agriculture Campus behind the poultry science building, he said.

Ramsey said the lake should be completed by the end of 1985.

"The lake will be a lopsided L-shape approximately 200 feet wide by 200 feet long and about 25 feet deep," Ramsey said.

The dirt removed from the lake site will be used as landfill for the agricultural engineering building soon to be built, Ramsey said. It is indefinite how much fill is needed, and so the exact size of the lake cannot be determined, he said.

This project is a two-fold money saver, Ramsey said. The hole will be dug for the lake, and this soil will be used to level out the land, he said.

The lake is part of an expansion program for the Chadwick Arboretum, said Elton Smith, professor of horticulture. This arboretum presently includes hundreds of plants used for educational and scientific purposes.

"The lake will give us the opportunity to grow pond plants," Ramsey said. Mirror Lake has too many chemicals controlling algae growth to grow plants in it, he said.

The arboretum is named after Lewis Chadwick, an OSU professor of horticulture for 35 years, Smith said.

According to Chadwick, the Northern Kiwanis Club had the initial idea for the arboretum itself. Chadwick said the club considered various locations in Columbus and decided the arboretum belonged on campus.

"(The arboretum is) definitely a great honor — something that's needed in central Ohio for student and public instruction," he said.

"Columbus doesn't have an arboretum," Smith said. "This is the only arboretum per se in Franklin county," he said.

There are several phases to the 40-acre expansion, Smith said, adding there are not adequate funds to develop all the land right now.

"We will be developing as funds allow, and finances will dictate how rapidly we develop a given site," Smith said.

"We have had serious plans for the raising of monies since November of 1983," Smith said. "We have used the money to support current programs. We have not been able to put away money to develop the new site," he said.

"Raising funds is a slow process," Smith said. Donations come from individuals, plant organizations and industry, he said.

The university is not financially supporting the arboretum except through paying the salaries of those working with the arboretum, he said.

"The arboretum is a living library," Smith said.

Smith said that eventually the expansion will be fully developed to include an educational center.

"We would hope to have meeting rooms and offices and house a library to serve as a starting point for visitors," Smith said.
The Chadwick Arboretum will have a new and bigger look within about five years said Dean Ramsey, director of grounds maintenance.

The existing arboretum is located north of the Agricultural Administration Building and along the south side of Lane Avenue.

There are plans to enlarge the arboretum by extending it across Lane Avenue on the east side of Fyffe Road.

The arboretum will then run on the west side of the road and continue as far as the existing water tower.

Ideally, there will be an above ground walkway that will connect the old with the new Ramsey said.

The enlargement will cost anywhere from $10,000 to $1 million. The reason for this large range in cost is that the amount of materials to be donated is not yet known, therefore, the university does not know how much material it must buy, Ramsey said.

Also contributing to the project cost will be a welcoming building, but a definite location has not yet been given, said Richard Roberts, superintendent of construction and renovation in the office of the university architect.

Roberts is responsible for the design development and for observing the construction procedures of the lake that will be a major focus of the arboretum.

The lake was started last summer, with the excess fill going to the Cancer Research Center and to the new Agricultural Engineering Building.

"The lake will have to be lined with bentonite clay or a plastic liner of some sort impervious to water," Roberts said. The lake will be replenished by two streams which will feed into it when it rains.

The lake will be stocked with different species of fish which may be studied by the zoology students and staff, Roberts said.

The project will most likely be put into full swing some time in the early spring and will take about a year and a half to complete, Roberts said.

The idea for the arboretum was generated by Professor Emeritus Lewis C. Chadwick, and was dedicated in his name in May of 1981, by the Board of Trustees.

Chadwick was recognized internationally as an authority on landscape horticulture.

The arboretum will not only be for the students but for the community too.

Plant enthusiasts will be able to walk and identify the plants and trees on self-guided tours. Most of the specimens will be marked for easy identification, Ramsey said.

The arboretum, the only one in Franklin County, may also be used to conduct studies on hardiness of plants, growing capabilities and maintaining plant life.
Plans take root at OSU for bigger arboretum

By Tim Doulin
Dispatch Staff Reporter

Trees will spread as far as the eye can see, and space for research by universities and plant production companies will sprout.

That's the idea behind expansion of the Chadwick Arboretum, five acres south of Lane Ave. behind the Agricultural Administration Building at Ohio State University.

Plans to expand the arboretum to 50 acres are posted this week at the 58th annual OSU Short Course for the nursery industry at the Ohio Center.

But the expansion is a long way from taking root, said Elton Smith, chairman of the Chadwick Arboretum board of directors.

"THE LAND is available, but a lot will depend on funding," said Smith, OSU horticulture professor. "We are looking at a long-term project."

And it's an expensive project. About $10 million is a conservative cost estimate, Smith said. The board must rely on public money, and a drive to raise money for the expansion started last month.

Expansion has been in the back of the board's mind since the arboretum opened in 1981 in honor of Lewis Chadwick, a former OSU professor and a prominent horticulturist.

INITIAL EXPANSION would take place along Lane Ave. between Pyffe and Olentangy River Rds. Open fields on the north side of Lane Ave. would be next.

A series of gardens, a memorial bosque, a wildlife refuge and a bird walk area are part of the expansion plans. Sculptures and plants are to be displayed in a plaza.

Although open to the public, the arboretum is planned to be a haven for wildflower and plant research. Research plots will allow plant production companies to experiment with new plant development or a university from the South to observe how one of its plants adapts to the Midwest, project manager Don Barr said.

"If a superior plant is developed in one of the research plots, then you might be able to breed and market the plant," Barr said.
Arboretum expansion to include new plants, educational facilities

By Dale Bagwell
Lantern staff writer

Visitors to the Chadwick Arboretum on Agricultural campus will find, in the future, a variety of new plants and educational facilities to aid them in understanding nature.

The the arboretum has begun a major renovation and expansion project, said Elton Smith, chairman of the board of directors for the arboretum.

"Currently we are looking at 40 acres north of the Poultry Science Building for development," said Smith.

The land planned for development is located north of Lane Avenue, between Route 315 and Fyffe Road.

Because the arboretum is privately funded, it’s not known when the plan will be completed.

"Outside funds are not always predictable," said Smith. "We would like to get a good start in the next five years and be well along in 10 years."

A lake, with an island, is already under construction. A wildlife refuge, wetland grass areas, bird walks, educational center and research teaching centers are also in the plans, said Smith.

The educational center will have meeting rooms, offices for arboretum staff members, and a complete library, said Smith. "This will eventually serve as the headquarters for the arboretum," he said.

Because it is associated with the university, we want its main goal to be educational, Smith said.

In addition to the educational center, certain areas of the arboretum will be dedicated to various types of research. These areas will include fisheries, wildlife centers, and animal habitats, Smith said.

Not only will visitors to the arboretum see vegetation common to this area, but they will also be greeted by a wide variety of plants from many areas of the country, said Dr. Steven Still, professor of horticulture.

The first phase of the expansion will be highlighted with a collection of ornamental grasses. These grasses, unlike the sod used in yards, can grow between two and eight feet tall, Still said.

In addition to the grass areas, wild flowers will play an important part of the plantings. The arboretum already has a collection of wild flowers that require shady conditions, but new sections will include sun-loving ones as well, Still said.

"This section will include varieties like Black-eye Susans, which is a common plant, but in this situation they will be in a very natural, meadowlike setting," he said.

Still said in many sections of the arboretum the plants will be dated so that homeowners and landscapers can visit to see what certain species will look like after they have been planted several years.

"It will help people decide what types they would like to use around their own homes," Still said.

The arboretum will also add to its collection of annuals and perennials. "We already have what is probably the largest collection of perennials in the Columbus area in a public garden," Still said.
COLUMBUS -- A tour of Ohio State University's Chadwick Arboretum and private gardens in Bexley and Upper Arlington, a university plant sale, and a spring gardening show will be held in May.

"Spring Blossoms in City Gardens" is the theme of the Chadwick Arboretum benefit tour of private gardens on May 21. The arboretum gardens at Lane Avenue and Fyffe Road will be featured on the drive-it-yourself tour. Faculty of Ohio State's Department of Horticulture and Columbus area nursery representatives will serve as hosts at the garden stops and will discuss formal landscaped gardens, woodland material and spring-blooming shrubs and perennials.

The tour includes a luncheon presentation in Bexley by William Hendricks of Lake County Nursery Inc., Perry, Ohio, and a preview of the Spring Gardeners' Day and plant sale. Tour tickets are $100 with proceeds benefiting the expansion of the Chadwick Arboretum.

Also included in the price are a one-year membership in the Friends of the Chadwick Arboretum, a quarterly newsletter and notices of special events.

The Chadwick Arboretum contains more than 2,000 types of plants. The area enhances the Ohio State campus and serves as a -more-
classroom and research laboratory for students and faculty.

Work has begun on expanding the arboretum along Lane Avenue
from Fyffe road east to Olentangy River Road and north along Ohio
315. The expansion is being funded by private contributions.

Information about the May 21 garden tour is available from
Steven Still, professor of horticulture, at (614) 292-6027.
Tickets may be ordered by sending a check, payable to The Ohio
State University Chadwick Arboretum, to Still at 152 Howlett
Hall, 2001 Fyffe Court, Columbus, Ohio 43210. Deadline for
registration is May 14. Registrants will be mailed a list of
tour stops and luncheon information. Tickets may be picked up at
any stop.

A plant sale for university faculty, staff and students will
be held May 22 from 8 a.m. to 5 p.m. at the southwest corner of
Woody Hayes Drive and Fyffe Road. A plant sale for the general
public will coincide with the annual Spring Gardeners' Fair May
23 at the Chadwick Arboretum. Hours are 9 a.m. to noon.

The sales will feature plants not normally found in local
garden centers, said Elton M. Smith Jr., professor of
horticulture.

"We have visited nurseries and selected plants that are not
well known to the gardening industry," he said. "We'll have
perennials, ground covers and woody plants."

The Spring Gardeners' Fair will feature eight presentations
and demonstrations by faculty from the Ohio Cooperative Extension
Service in the Chadwick Arboretum next to the Agricultural
Administration Building, 2120 Fyffe Road.

Admission is free and parking is available in the lot behind
the Agricultural Administration Building.

Topics for this year's fair are reliable perennials, hardy
ferns, tips for a better lawn, pruning woody plants, evergreens
in central Ohio, good shade trees, flowering crab apples, and
diagnosing unhealthy plants. The topics will be presented at 9
a.m. and repeated at 10 and 11.

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Contact: Janet Oberliesen, development consultant, Friends of
The Chadwick Arboretum, 888-4247, or Steven Still, (614) 292-6027.
THE CHADWICK ARBORETUM receives a small tidying up from Steven Still, professor of horticulture.
Chadwick Arboretum

Ohio State University's Chadwick Arboretum is offering programs on a variety of horticultural topics this fall. Three are scheduled next weekend, with three more to follow.

From 9 a.m. to noon Saturday in the OSU Agricultural Administration Building, OSU landscape horticulture Professor Steven Still will conduct a workshop on how to prune shrubs and trees. David Ahlum, owner of Arbor Inc., and his crew will demonstrate how to prune and shape a large tree in the arboretum. Participants also will have a chance to do some pruning.

From 1 to 4 p.m. Saturday in the same building, landscape designer David Voyles will talk about how to use spring-blooming bulbs in the landscape. A crew will demonstrate site preparation and planting. The fee for each session is $9.

On Sunday, Still will conduct a walking tour of the OSU campus, focusing on historic trees. He also will point out ornamental trees and shrubs suitable for the home landscape. Participants should meet at 2 p.m. in the Ohio Union lounge, 1739 N. High St. The tour is free.

The fee for the three other classes is $7 each. The schedule is as follows: ornamental grasses, 6 p.m. Oct. 20; herbarium know-how, 7:30 p.m. Oct. 20; and plant nomenclature, 7:30 p.m. Nov. 2. For details on arboretum events, call Creative Activities Program, 292-5993.

Dispatch photo by James D. DeCamp

David Ahlum does some high pruning at Chadwick.

offers six programs
Arboretum to help city’s growth

40-acre area set aside for plant development

By LISA HILL
Lantern staff writer

‘Getting back to nature’ will be easier for Columbus citizens with the development of an arboretum on the OSU campus.

The Chadwick Arboretum is a 40-acre area that will consist of a collection of plants to be used for educational and scientific purposes, said Elton M. Smith, professor of horticulture.

Kenneth W. Reisch, associate dean of agriculture, said, “Columbus is maturing culturally and the arboretum is a cultural feature.”

Arboretums are popular in England, where they are viewed as cultural centers, he said.

“The Chadwick Arboretum will serve the citizens of Columbus by providing them with a place where they can relax and enjoy nature,” he said.

The area to be developed will be located north of Lane Avenue along the east side of Route 315.

“The arboretum is an on-going, long-term process that occurs over many years,” said Dean Ramsey, director of grounds maintenance for physical facilities. “The process is never over because new plants and certain areas will be changed and added,” he said.

Reisch said they hope to have the lake, and, possibly, the educational center, ready by the AmericanFlora exhibition in 1992.

Other features of the arboretum will include gardens, grass areas and a marsh area. A jogging trail and cross country path are also possibilities, Reisch said.

A site for a two-and-a-half acre lake has been dug, and should be completed by late spring, he said. The lake will be used for research by fishery and natural resources programs, and it will also be a place for visitors to enjoy.

The educational center will have classrooms, meeting rooms, offices and an auditorium will be available for public and university use, he said.

The arboretum is not funded by the university, Reisch said. All operating costs are incurred by outside sources through private donations, and organizations like Friends of the Arboretum, which is a 300-member support group that pays dues and receives information on the facility, he said.

Smith said university support is not in hard dollars, but in time faculty, staff, and students give to the project.

He said donations can be contributed in a variety of ways. People can join as a member of an organization, purchase items such as benches or trees to be planted that will be used for commerative purposes, or give donations to projects such as the educational center.

Ramsey said that donations that are received now are basically used for operational costs.

“We run into a catch-22 situation with donations because people don’t want to give money until they see something happening, but you have to have money to get something going,” Ramsey said.

Part of the area to be developed will include the grounds around the Agricultural Engineering building. Part of the arboretum that has already been completed is the gardens that are adjacent to the Agricultural Administration building.

Reisch said that the gardens are used for a variety of purposes, such as for education and research, for people to relax and enjoy its beauty, and as a place to hold weddings and receptions, he said.

An initial part of the arboretum was the labeling of hundreds of landscape plants on campus and to assist interested persons in plant identification.

Students and visitors to the campus can participate in self-guided walking tours of the area that were part of the arboretum’s board of directors earlier projects. Brochure guides for the tour are available at the OSU Visitor Information Center at Mershon Auditorium.

“The Chadwick Arboretum is a multi-purpose facility,” said Reisch.

The Chadwick Arboretum was established by the OSU Board of Trustees in 1930. It was named in honor of L.C. Chadwick, professor emeritus of horticulture, for his 38 years of service to the university and community.
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SPRUCE UP ON CHRISTMAS TREES?
"WHAT FIR?" YOU ASK.
"I KNOW MY TREES JUST PINE . . ."

What began fifteen years ago as a venture to help support college education is now a prosperous family Christmas tree farm, situated on sixty-eight acres of Lorain County, bearing some forty thousand pine, fir, and spruce trees. Sharon Treaster, Research Assistant to Dr. Elton Smith in the Department of Horticulture, grew up helping her father on the tree farm. Her experience and knowledge of producing and raising conifers came in handy as she and Dr. Smith conducted a Christmas tree evaluation this time last year. Their research and findings, in conjunction with general evergreen knowledge, may help your Christmas tree thumb be a bit greener this season.

The study, which evaluated the effectiveness of a tacky resin treatment in plugging stomates to reduce transpirational water loss, was done on three different conifer species. It began on December 1, 1986, as trees were selected on the basis of uniformity in size, age, and growing conditions. Ten trees of each species, White Pine, Fraser Fir, and Blue Spruce, were tagged and cut; five in each group selected to serve as controls, and five to be in the treatment group. The conifers were stored outdoors in a shaded area for two weeks, after which half were treated with a mixture of the resin and water, and the rest treated as controls with only water being applied.

A fresh cut, removing one half inch of the trunk, was completed before placing the trees in room temperature water. Evaluations revealed the resin treatment did not contribute to the longevity of the freshly cut trees.

So what can you do to give the best life to your cut tree? Well, when selecting your tree, keep in mind it must fit in the house. Many a Christmas tree cutting excursion has resulted in redwood sized conifers craning their central leader to fit in the living room. Look for a tree whose trunk base is of a width compatible with the size of your tree stand. By cutting the trunk flush instead at an angle, chances are improved for easier and more efficient uptake of water once in the stand.

Remember the pictures of families bundled in mittens and scarves, dragging a freshly chopped tree behind them? This is a marvelous idea, as long as snow is blanketing the ground. Dragging trees without a cushion of snow induces mechanical damage to the sensitive needles, reducing life expectancy before it even has a chance to enter the front door and greet Mom. If the tree must travel home unprotected, perhaps on top of the family Suburban, wrap it in a piece of burlap or an old blanket to shield it a bit from the whipping wind. Once home, it may be stored in a garage, outdoors, or in the house, just so the temperature is cool. A range under 65-75 degrees Fahrenheit should be adequate for the tree. Most importantly, temperature fluctuations should be kept to a minimum. If stored in a garage before bringing it in the house, mist the tree to keep it moist.
Experimental temperatures were kept between 67-73 degrees Fahrenheit while relative humidity ranged from 40-68%.

Prop the tree, careful not to smash one side, and water thoroughly. Water and other flammables away from the evergreen.

Upon bringing it into the house, give the trunk a fresh chop by cutting off about one half inch, just enough to allow it to freely take up water once again. Whether the tree is brought indoors for the night or stored outside for awhile, make sure it receives a constant water source. Acclimating to the warmer temperatures of the house will increase the transpirational rates of the tree, making water a critical factor. If the water in the tree stand is allowed to go below stump level, air pockets may develop in the trunk reducing water translocation and decreasing tree life.

The research also indicated that by the end of the sixth week of the study, White Pine exhibited practically no needle drop, the Fraser Fir showed a slight drop, and the Blue Spruce displayed quite a bit of drop from the trees.

So this year, when you go Christmas tree hunting, whether it be a Charlie Brown Christmas tree or resembles one displayed at Macy's, you will know how to take care of it. You may go to Christmas trees stay green...

REGAL RESEARCH

Wondering what's going on in the Horticulture Department these days? Dr. Glenn Hanniford, Professor of Horticulture, is conducting research on the Regal Geranium (Pelargonium x domesticum). Also known as the Martha Washington geranium, it is an interspecific hybrid; five or six species were bred to achieve characteristics of this plant. Dr. Hanniford has been working on this research for six years; the project came with him from Penn State University 1985. The major emphasis of his research is to understand the genetics of flowering, and how it is related to photoperiod and vernalization. Photoperiod (the length of darkness a plant requires in order to bloom) and vernalization (the chilling requirement which must be met before flowering) govern, to a large extent, when the plant will produce flowers. Through an understanding of these factors, backyard gardeners and greenhouse producers alike will benefit from a more predictable flowering cycle.

Regel Geranium, native to South Africa, bear infaureascence, and the square flower of the azaleas; the beauty of the large, often striped flowers first interested Dr. Hanniford to focus his research upon the tree. The term infaureascence means the flower will eventually cease flowering and turn towards vegetative growth. Low temperatures and low light received by the plant are the keys to flower induction, although the day length may have a stronger influence upon the process. Unless induction continues, the flowering will cease and vegetative growth will resume. Because Regel Geranium have a variable blooming cycle, Dr. Hanniford hopes to find combinations of germ plasm that provide a more predictable flowering period. Even among the Regel, the genes which control certain traits such as a specific flower color, Dr. Hanniford and Sue Nord, a Horticultural Graduate student, are working on the genotype, or combination of genes, of the plants. They are working towards maintaining the whole germ plasm (genes of the plant) and crossing these with other plants exhibiting desirable traits.

Because greenhouse space is limited, costly, and time is all so important, Dr. Hanniford and Sue Nord are investigating possibilities of raising plants to study through tissue culture. In this procedure, microcuttings of shoots are taken, proliferated, put in dark, cold storage for six months, and then transplanted to culture media, ten to eleven subcultures can be obtained.

Breeding for more predictable times of bloom will prolong the bedding plant use of Regels, as well as better define the marketing season of Pelargonium x domesticum. Related to photoperiod and vernalization, breeding for planters can be bred to flower continuously, adding a great show to the landscape. Greenhouse growers who produce potted Regel Geraniums will have a more dependable bloom schedule from which they can plan their production schedules and marketing strategies. Research such as this may ultimately be planted in your garden. One person’s research, but you would never have dreamed that potted geranium in your window is having its genes researched...

COMPLETE WITH ALL THE TRIMMINGS

Several trees in The Chadwick Arboretum received a fine pruning one cold, rainy Saturday in October through the volunteer talents of Mr. David Ahlum and a crew from Arbor Inc., Hilliard, Ohio. In a joint workshop, sponsored by the Chadwick Arboretum and the Creative Activities Program (CAP), Mr. Ahlum and a professional crew donned climbing gear and hard hats to give a demonstration of proper pruning methods to twenty-two interested class participants. The Thromless honeylocust to the front of the Arboretum entrance, a fifty foot scarlet oak to the left of it, and a thirty five foot red oak were completely pruned by the Arbor Inc. crew. Even though the work was not cut out of hand, participants gathered around as Mr. Ahlum and Dr. Steven Still, Arboretum Director and Professor of Horticulture at OSU, explained it. It was a very practical and the biological principles upon which pruning is based. Dr. Still led the group in hands-on training; participants were able to trim up the smaller shrubs such as Pyracantha, Abelia, and Potentilla.

As part of another CAP program that afternoon, Mr. David Voyles, of Wildflower Farms, demonstrated uses of various bulbs in the landscape. Mr. Voyles, who has traveled to Holland to study bulb culture, shared his knowledge through a slide presentation and hands-on experience. Participants were able to see the proper method of preparing the soil through a demonstration of spading, the tillng, and amending the soil. Grounds of The Chadwick Arboretum received some bulb surprises which, they, their topiary labs, etc., was very obvious this spring.

The Creative Activities programs, sponsored by The Chadwick Arboretum, have had a very enthusiastic response. But wait, there's more! Winter Quarter, beginning in January, eight new CAP programs will be held in coordination with the Arboretum. Programs to be offered include Poisonous Plants, Dead Conifers, Gardens of Great Britain, Interior Landscape Plants, Perennials for Beginners, a program on Herbarium Know-How, Designing for the Naturalistic Landscape, and Art in the Landscape will be featured.

For more information on winter programs, contact The Chadwick Arboretum Director at 292-6027, or register directly through the Creative Activities Program, Room 218, in the Ohio Union, 292-9983. So, CAP a success at the Arboretum!...
General outlines of the new forty-acre research and educational facility of The Chadwick Arboretum are undergoing detailed development and revision, according to John McCoy, Director of Grounds Maintenance at The Ohio State University. The new lake has been roughly excavated with the construction of the new Multi-Sports Athletic Complex. A revision of the grading plan, which includes leveling and contour design, is in progress. This reshaping of the lake will emphasize aesthetic value through its engineering. McCoy's department, Physical Facilities, deals with the master plans, drawings, documents, and construction of the Arboretum expansion and lake. Schematic grading, engineering, and consultation on the lake design are all projects receiving priority attention these days.

In another area of the Arboretum expansion, the Arboretum Education and Conference Center is being developed. Architectural Alliance, a Columbus based architectural firm, is donating its service in drawing up schematics of the building plan for the proposed structure. According to Janet Oberliesen, Development Consultant for The Chadwick Arboretum, the center will contain lecture, conference, auditorium, and office space. It will serve as a headquarters for the Arboretum, visitor orientation center, and site for educational programming. Three separate units to the building will be interconnected with arbors and walks to achieve a garden atmosphere. Related horticultural groups and plant societies will be invited to make use of this new facility. Don Barr, Landscape Architect for The Ohio State University, is responsible for the design of the Arboretum's new branches. Phase I, which will be the first segment of the expansion to be realized, is located between the Agricultural Engineering building and Lane Avenue, adjacent to the existing Arboretum on Ag Campus. This will include a wildflower area, multipurpose plaza, lily pools, towers, and pergolas. (See the enclosed plans to picture Phase I more accurately.) While these plans are cooking, spend some time stirring in the established Arboretum. You are welcome every day of the week from sunrise to sunset. Parking is available behind the Agricultural Administration building. Enjoy the Arboretum—it's for you! AMF

1988 RENEWAL TIME

Friends of The Chadwick Arboretum are a major source of support to fund continuing expansion and development projects of the Arboretum. We rely on you to renew your membership now and consider this a time to increase your level of contribution. The enclosed application form has been provided for your convenience. Please indicate both new and old addresses if there has been a change of residence. Thank you for your concern and patronage! AMF
Arboretum plans events

Chadwick Arboretum will celebrate Arbor Day with a ceremony at 10 a.m. April 29 at the arboretum gardens, Lane Avenue and Fyffe Road.

Theme for the program is “Planting and Maintaining Trees in an Urban Environment.”

For additional information, call 292-6027.

On May 12, Friends of the Chadwick Arboretum will sponsor the second annual Chadwick Garden Tour, “A Gallery of Spring Gardens.” From 9:30 a.m.-3:30 p.m., six private gardens in the Northwest Columbus and German Village areas will open for tour participants.

A luncheon will be served in the arboretum garden from 11:30 a.m.-1 p.m. Tickets for the tour are $100 and will benefit the arboretum.

For information, call Janet Oberliesen, 888-4247.
The Friends of the Chadwick Arboretum

You're invited to join the Friends of the Chadwick Arboretum. Detach or photocopy this panel, fill it out, and return it to the Friends of the Chadwick Arboretum.

Please check the most appropriate membership level:

- Individual: $25 annual contribution
- Family: $35
- Sponsor: $50
- Sustaining: $100
- Patron: $250
- Buckeye: $500
- Chadwick: $1,000

If we wish to join the Friends of the Chadwick Arboretum.

Name ____________________________

Address ____________________________

City, State, Zip ____________________________

Telephone ____________________________

Will your employer match your gift?

- Yes  
- No

My employer is ____________________________

Make checks payable to The Friends of the Chadwick Arboretum, and mail to:

The Friends of Chadwick Arboretum
2120 Fyffe Road
Columbus, Ohio 43210-1099

Please send me information about:

- Tree Planting Program
- Volunteer projects

All contributions are tax-deductible to the extent of the law.

The Chadwick Arboretum

ornamental grasses, visit the Arboretum gardens at Lane Avenue and Fyffe Road.

The creatively landscaped grounds give Ohio State one of the United States' most attractive major campuses. The grounds are open to the public at all times. Contained within the city of Columbus, Ohio, this is an urban arboretum, offering a quality environment for study, research and relaxation.

Enjoy your stroll through the Chadwick Arboretum.

American elm, Ulmus americana, east of the Main Library.

Welcome

Welcome to the Chadwick Arboretum. Located on the campus of The Ohio State University, it's a rich repository of more than 2,000 types of ornamental plants. Among the major tree and shrub collections, you'll see pines, dogwoods, junipers, maples, oaks, sycamores, crabapples, viburnums and more. For an outstanding array of annuals, perennials, wildflowers, ferns and
**The Chadwick Arboretum**

The Chadwick Arboretum was established July 11, 1980, by The Ohio State University Board of Trustees. Named in honor of Dr. Lewis C. Chadwick, the Arboretum's principle goal is to establish and maintain a collection of plants for education, research and appreciation.

It's fitting that the Arboretum functions in this manner; Dr. Chadwick devoted his professional career to teaching and working in the nursery industry and arborets, selecting plants for the Arboretum and establishing a readily available source of quality landscape trees and shrubs for the citizens of Ohio.

The Chadwick Arboretum keeps its goal of education. Student internships are available in Arboreta and Botanic Garden Management.

**Public education programs and tours are offered. Interdepartmental use of the arboretum is encouraged, and many plant varieties are labeled. The Chadwick Arboretum also is a resource for research projects on propagation and plant evaluation, and it serves as a test site for horticulture and landscape material.

The beauty of the Arboretum provides enjoyment for all visitors and promotes deeper appreciation of the functional and aesthetic value of landscape plants.**

**Touring the grounds**

Self-guided walking tours of selected areas on campus have been established. A brochure guide, "A Walking Tour of the Chadwick Arboretum," describes the plants and their location. The brochure is available from the Ohio State Visitor Center, Memorial Auditorium, 30 W. 15th Ave., or from the Chadwick Arboretum Office, 2001 Fyffe Court, Columbus, Ohio 43210.

**Lily-flowering tulips, Tulipa 'Westpoint,' in the Chadwick Arboretum gardens.**

**The future**

Currently, the Chadwick Arboretum is raising funds to expand the gardens to include a lake, an education and conference center building, and an additional 40 acres of plantings in and around the University's new Sports Park, located north of Lane Avenue and west of Olentangy River Road.

As a not-for-profit organization, the Chadwick Arboretum is funded by University support and private contributions. If you're interested in promoting continued growth of the Chadwick Arboretum, you're invited to participate in:

- The Ohio State University Development Fund (through named gifts to the Chadwick Arboretum).
- The Tree Planting Program (through gifts to an endowed fund for campus-wide planting).
- Friends of the Chadwick Arboretum (an Arboretum support group; members receive a quarterly newsletter, invitations to members-only functions and discounts for special events).
- Volunteer activities (special committees to help with Arboretum projects).

For more information, contact The Chadwick Arboretum, 2120 Fyffe Road, Columbus, Ohio 43210-1099, 614/292-0473.
Plant sale at Chadwick Arboretum

Denise Adams, left, volunteer coordinator at Chadwick Arboretum, and Tracy DiSabato, the arboretum's horticulturist, show off some of the plants that will be on sale this weekend on The Ohio State University campus. The sale of annuals, unique perennials, herbs, grasses, ferns, wildflowers, everlasting and unusual landscape plants will be held 8 a.m. to 5 p.m. Friday in front of the Animal Science Building, Fyffe Court and Woody Hayes Drive, and 9 a.m. to noon Saturday in the arboretum's parking lot at Fyffe Road and Lane Avenue. Also on Saturday, from 9 a.m. to noon, will be the Spring Gardeners' Fair at Fyffe Road and Lane Avenue. For more information, call 889-9715.
Arboretum being built

By Brian Harroff
Lantern staff writer

The construction of a three-acre lake on the Agricultural Campus will be the first of $10 million worth of additions to the Chadwick Arboretum, said Steven Still, professor of horticulture.

The lake construction, on the northwest corner of Lane Avenue and Pyyke Road, is scheduled to begin in August, Still said. The lake will be built by the Ohio National Guard as part of a training exercise.

"I couldn't guess what the cost of the lake would be since we are getting some of the construction work on a donated basis because of the training exercises being done by the National Guard," Still said.

The current drought could delay the filling of the lake, because the National Guard may not be able to pump water into it, said Elton Smith Jr., professor of horticulture. The drought should not affect the addition of new trees to the area, since planting will not begin until spring, he said.

The Chadwick Arboretum is not being affected by the drought, because it is not connected to the Columbus city water system.

"We do have our own well at the arboretum," Still said. "Some people may have some questions as to why we are watering the grass when we are in a drought situation and home owners cannot, but we have a deep well."

Upon completion, the 36 acres of new development will be used for teaching and research.

The Horticulture Department, as well as the Botany, Forestry, Landscape Architecture and Plant Pathology departments, will make use of the botanical additions. The Fisheries and Wildlife Management classes will be using the lake for their research. Some areas will be set aside for aesthetic purposes.

Kenneth Cochran, curator of the Ohio Agricultural Research and Development Center, in Wooster, sees a definite need for expansion.

"(The arboretum) is going to be expanded into facilities that are going to develop the educational opportunities and (the arboretum) really doesn't have that yet," Cochran said.

Smith said, "(The Arboretum) is more than just for students, faculty, and staff. It's for the people in the community as well."

The funding for the expansion will come from a public endowed fund.

The cost of buying and planting a tree is minimal, but maintaining trees for up to 50 years can be very expensive and would be impossible without the fund, Still said.
Ground Cover
Natural carpet smotherers weeds

When I first heard the names "Periwinkle," "White Nancy" and "Mrs. Moon," I didn't know if they described young, ladies or racehorses. However, these are the names of beautiful ground covers, plants that can save a lot of unnecessary labor — a garden without ground covers can be compared to a house bereft of carpets or rugs.

A ground cover is any plant that will grow in tight, weed-smothering masses. Some are adaptable to sun, some to quite dense shade. Many have variegated or colorful leaves. This last group is very useful, especially if you want to liven up a shady area of the garden.

One favorite ground cover is periwinkle or myrtle (Vinca minor). This creeping evergreen grows 3 to 6 inches high, and in the spring produces star-shaped blue flowers.

Periwinkle is available in many different varieties. Be on the lookout for some unusual forms. A nice cultivar is the white-flowering Vinca minor dalmata. For those of variegated leaves, try to obtain Vinca minor variegata; the foliage is streaked with yellow.

Vinca is delightfully rich in lore and magic. Bunches of periwinkle were placed over the lintels of medieval dwellings to protect the homes from evil spirits. An ancient tome, The Anglo-Saxon Herbal of Aelfwine, advocates the following uses for this herb: "It is of good advantages for many purposes, that is to say against devil sickness and demonical possession and against snakes, and wild beasts and poisons. . . . And if thou hast the wort with thee, thou shalt be prosperous, and ever acceptable." Not a bad recommendation for a $1 plant.

Another hardy evergreen ground cover is European ginger (Asarum europaeum). Although in the vernacular this plant is called "European ginger," it has no relation to the spice, except that its crushed root smells of ginger. Don't confuse European ginger with the American wild ginger (Asarum canadense). The American species is deciduous and much less attractive.

European Wild ginger is the perfect ground cover for dark places such as the areas under hemlocks or pines. Asarum is very hardy and grows to 6 inches high. The leaves are heart-shaped and look as if they have been individually polished.

Another favorite ground cover is sweet woodruff (Galium odoratum), also listed as Asperula odorata), a deciduous perennial and an excellent ground cover for shady places. In April and May, little white star-shaped flowers appear above the chartreuse-green leaves. The abundance of blossoms sticking out from the main stem and the dainty whorls of foliage make this a very attractive plant. Sweet woodruff, especially when dried, has a delightful odor of new-mown hay. If added
Ground covers can save a lot of unnecessary labor – a garden without ground covers can be compared to a house bereft of carpets or rugs.
to white wine, sweet woodruff tastes pleasant, too.

For a splash of color in shaded areas, a number of ground cover plants are available. A rapid spreader is variegated bishop's weed (Aegopodium podagraria variegatum). Don't be put off by the word "weed." This is a beautiful perennial. Although this plant can be invasive, it is well worth using as a ground cover if you are willing to keep an eye open for excessive spreading.

Popular variegated ground covers that are becoming more and more available are the garden cultivars of Lamium maculatum. The two garden varieties that are readily obtainable are Beacon Silver and White Nancy. The latter is the best horticultural variety available.

**White Nancy** has silver leaves, delicately edged with green. This foliage brightens up the gloomiest shady garden. From April to October, attractive white flowers appear on 6-inch stalks. White Nancy is not as readily available as Beacon Silver, but it is a prettier plant.

Another deciduous plant I have used over much of my garden is foamflower (Tiarella cordifolia), a perennial ideal for shady sites. The maple-like leaves remain green for much of the year. In milder areas, it will remain verdant until spring when the emerging new leaves will cause the old leaves to wither. The veining on the leaves of some plants is highlighted by purple markings.

Foamflower grows between 6 and 8 inches tall, and from May until August bears spikes of white flowers.

An ancient garden plant is lungwort (Pulmonaria officinalis). Lungwort has been used for many things during past centuries. To our ancestors, it was a healing herb, and in recent centuries it has become a much-used garden perennial. Popular garden varieties include Pulmonaria rubra with red flowers and Pulmonaria officinalis, "Mrs. Moon," which is considered by many to be one of the best foliage plants.

**Lungwort** is a striking perennial with silvery spotted leaves. In warm zones the foliage is evergreen. This spring-flowering perennial bears blue blossoms that turn pink as they mature.

My final selection is bugle (Ajuga reptans). Ajuga species and cultivars are fast-spreading, low-growing plants that make an ideal ground cover. Bugle grows in sun or in light shade. Each glossy leaf grows up to 2 to 4 inches long and soon forms dense carpets. In spring, 6-inch blue flower spikes rise above the foliage.

One of my favorite varieties is Burgundy Glow. This particular plant has multicolored foliage, and the center of each leaf is suffused with rose and magenta, while margins are edged with cream. The flowers are a light blue.

Nobody likes weeding, but with a little careful planting of ground cover the tireless task of pulling up dandelions and chickweed can be greatly reduced. Most spreading perennials can be dug up in the spring, fall or early summer. The old clumps, pulled apart, will make many new plants. This luxury of "many plants from one" not only saves on the budget, but also brings new vigor to the plant itself.

**Selected Sources:**

- Bluestone Perennials, 7211 Middle Road, Madison, Ohio 44057; phone 1-216-428-7535; free catalog.
- Carroll Gardens, 444 E. Main St., P.O. Box 310, Westminster, Md. 21157; 1-301-876-7336; catalog $2.
- Springbrook Gardens, 6776 Heisley Rd., P.O. Box 338, Mentor, Ohio 44060-0388; 1-216-255-3059; catalog $1.
OSU foists $4.5 million AmeriFlora bill

By Tim Doulin
Dispatch Staff Reporter

The Ohio State University will pay for construction of a $4.5 million horticultural information center in Franklin Park to be used as part of AmeriFlora '92.

The center will be moved to OSU after the international floral exhibit ends.

OSU trustees approved the project yesterday. Money for the project has been appropriated to the university by the Ohio General Assembly.

The AmeriFlora '92 Technology and Horticultural Information Center will house horticultural and technological displays and educational and informational programs.

"AmeriFlora was looking for something that would be consistent with the overall development of the exhibit. I think this will be," said Richard D. Jackson, vice president of business and administration at OSU.

"From the university's standpoint, this is a very exciting project because it will be moved to OSU when AmeriFlora ends," he said. The center will become part of the OSU arboretum.

AmeriFlora is one of several events scheduled in Columbus for 1992 to commemorate the 500th anniversary of Christopher Columbus' first voyage to America.

Construction is scheduled to begin next spring and should be finished by fall 1991. A site in Franklin Park for the center has not been selected.

In other matters:
- OSU's five-year campaign to raise $350 million is ahead of schedule, trustees were told. About $316 million, or 90 percent of the campaign's goal, had been raised through September, said university spokesman Malcolm Baroway. The campaign began September 1985.
- The trustees approved the sale of 92.6 acres on Harrisburg Pike, near Briggs Road, to T & D Properties for $300,000. OSU Trustee Leonard J. Immke gave the land as a gift to the university in 1986. The money will go to the Leonard J. Immke Jr. and Charlotte L. Immke Chair in Cancer Research Fund, which supports the work of a researcher at OSU's cancer research institute.
- The MerryMakers Club of Columbus Inc., a black men's organization in Columbus, established an endowed fund to provide financial aid for black students who have qualified for National Achievement Scholarships.
Bring in the garden hose

WHAT IS NOW a pile of dirt west of the Woody Hayes Multi-Purpose Athletic Facility soon will be a three-acre lake. The Ohio National Guard is digging the eight-foot deep hole as a service project. The lake, scheduled to be completed by spring 1989, is part of an expansion of the Chadwick Arboretum.
SPRING COURSES
The Chadwick Arboretum in cooperation with the Creative Activities Program, Registration (292-9963) will conduct the following workshops at Howlett Hall:
Apr 27, 7-9 pm "Perennials for Beginners"
Apr 29, 9-noon "Spring Tree & Shrub Identification"
May 1, 7-9 pm "Shade Gardening"
May 6, 9-noon "Spring Tree & Shrub Identification"
May 8, 7-9 pm "Small Fruits for Small Plots"

ARBOR DAY CELEBRATION
Apr 28, 10 am
Program and Demonstration of Transplanting of Large Trees,
Chadwick Arboretum Gardens

PLANT SALE
May 12, 7:30am - 5:00pm, Spring Plant Sale
May 13, 9:00am - noon
Unusual trees, shrubs, herbaceous perennials, ferns, grasses,
wild flowers, herbs, everlastings.
Sponsored in conjunction with PI Alpha XI and University Fruit
and Vegetable Society
Corner of Woody Hayes & Fyffe Court

SPRING GARDENER'S FAIR
May 13, 9:00 am - noon, Spring Gardener's Informational Fair
Topics of interest to the home gardener will be presented by Garden Experts
Chadwick Arboretum Gardens

LANDSCAPE DESIGN SEMINAR
May 17-18,
Techniques for landscaping residential properties. Registration (889-2318)
Sponsors: Chadwick Arboretum, Ohio Council of Nationally Accredited Landscape Design Critics,
Garden Club of Ohio
Parke University Hotel & Agriculture Administration Auditorium

GARDEN TOUR
May 25, 9:30 am - 3:30 pm, Third Annual Chadwick Garden Tour
Self guided tour of seven private gardens, Arboretum Display, gourmet luncheon, and lecture
"Elements of Classical Chinese Garden". Ticket information (258-7065).

CHINESE GARDEN LECTURE SERIES
The University Learning Guild and The Chadwick Arboretum invite you to attend a series of
lectures for those interested in exploring the Chinese approach to plants and gardening ...

May 26, 6-8pm "The Chinese View of Man and Nature", Columbus Central
May 27, 9am - noon, "Chinese Landscape Symbolism", Ag. Admin. Auditorium
May 25-27, Exhibit: "Chinese Landscape Architects Drawings for a Classical Ming Dynasty
Garden", Bricker Hall
June 6, 6-8pm, "A Comparison: Penjing and Bonsai", Ag. Admin. Auditorium
July 11, 6-8pm "Plant Exploration in China", Ag. Admin. Auditorium
Registration (292-4230)

Faculty welcome to attend and participate
TO MARK ARBOR DAY, members of the Chadwick Arboretum move a 20-foot-tall honey locust to the Agricultural Engineering Building April 28.
National Guard gives OSU a dam

Building of lake is under way on arboretum site

By Eileen Dempsey
Dispatch Staff Reporter

The Ohio National Guard Corps of Engineers is designing a 2½-acre lake for the Ohio State University's Chadwick Arboretum.

For the past two weeks, the engineers have been moving dirt and building a dam for the lake, said Elton Smith, a professor of horticulture at OSU.

The dam will prevent water from overflowing onto Fyffe Road, he said.

The lake will be bounded by the OSU water tower, Fyffe Road, the Poultry Administration Building that fronts West Lane Avenue and Rt. 315.

The arboretum was created by the Ohio Board of Regents in 1980. The lake and dam are the first major improvement projects, Smith said. He did not have a cost estimate.

The arboretum, which houses plants used for education and research, is open to the public. During the next few months, the soil will settle and the dam will be completed. By winter, the lake should be ready to be filled with water, Smith said. Once completed, the lake will provide a home for fish and other animal life, Smith said.

In another improvement project, about 35 acres of the arboretum's land north of the Agriculture Administration Building is being landscaped.

This project, near Fyffe Road and West Lane Avenue, is scheduled to be completed in the fall of 1990, Smith said.
First director takes charge at Chadwick

By Barbara Schechter
Dispatch Staff Reporter

Don't call Edward R. Thompson a plantsman. The landscape architect wants to be known as a steward of the land.

Steward of the Chadwick Arboretum, to be specific.

Last month, the 43-year-old Thompson became the first full-time director of the arboretum on The Ohio State University campus. He will oversee the most ambitious growth period in the arboretum's history.

Technically, the 10-year-old arboretum takes in the entire 1,612-acre campus and includes more than 2,000 different types of plants. To the public eye, however, it is tucked into 2 1/2 acres near Fyffe Road and W. Lane Avenue, shaded by trees and brightened by flowers.

During the next decade, it will grow by 40 acres, hopscotching across Lane to surround the university's new sport fields west of Olentangy River Road. A 3 1/4-acre lake, educational center and demonstration gardens are included in expansion plans to enhance the western border of the campus.

The U.S. Army Reserve already is at work on the lake, and a conifer garden and wildflower meadow will begin to take shape this fall.

Thompson envisions much more: lawns that provide a backdrop for sculpture, art shows and musical performances; aquatic gardens that serve as resting spots as well as laboratories of learning; and public programs that feature top horticultural experts.

For Thompson, landscaping should be integrated with everyday life, something he hopes to achieve at the arboretum.

"To see a piece of land where you can put on a conference in the afternoon and in the morning show a class a lot of unusual plants — to me, that's very exciting."

Thompson put his philosophy into action for 10 years at Oberlin College as director of grounds and landscaping. The college is inseparable from the small town in which it is located, so Thompson involved the city as well as campus, launching neighborhood tree planting programs.

On campus, his thousands of plantings have left a permanent mark. He put ornamental grasses around athletic fields. In autumn, grasses around the football field turn crimson and gold — Oberlin's colors.
CHADWICK ARBORETUM TO PLANT CONIFER GARDEN

COLUMBUS -- The Chadwick Arboretum at The Ohio State University will break ground Oct. 12 for a conifer garden, part of the planned expansion of the arboretum along Lane and Fyffe roads.

The 10 a.m. event, at the Lane Avenue gardens near the Agriculture Administration Building, is open to the public.

The 3.1-acre expansion, one of several planned phases, will be developed along West Lane Avenue and Olentangy River Road, north and east of the Agricultural Engineering Building.

The project will include conifer (cone-bearing evergreens) and wildflower gardens.

Members of the Columbus Landscape Association are providing plants for the conifer garden and will do the installation this fall and next spring. It is to be completed by autumn 1991.

Meanwhile, a meadow is planned for installation next year, near the conifer garden. The arboretum also is looking at the development of an ornamental grass area around the meadow.

"The Lane Avenue portion is the beginning of really kicking off the future of The Chadwick Arboretum," says Ed Thompson,
arboretum director. "We're trying to focus on that area along Lane right now because going across the street is a massive undertaking."

Long-range plans call for construction of more gardens in a 36-acre north of Lane, between Fyffe Road and Ohio 315. The Ohio National Guard has performed earth-moving activities this past year to permit construction of a pond in the middle of the future garden area.

#

Contact: Ed Thompson, director, The Chadwick Arboretum, (614) 292-3136.
STUDENTS, FACULTY, STAFF
FAMILIES & COMMUNITY

PLANT A TREE FOR

THE
CHADWICK
ARBORETUM

NOVEMBER 10, 1990
9:00a.m. to Noon

MEET IN FRONT OF HOWLETT HALL
BRING A SHOVEL IF YOU HAVE ONE!
Volunteer students spread mulch around existing trees near Howlett Hall Saturday morning, after planting 65 saplings in a garden between Fyffe Road and Lane Avenue.

Volunteers plant trees for OSU

By Carol Helmick
Lantern staff writer

Volunteers braved the cold Saturday morning to plant trees for the OSU community.

About 50 people gathered in front of Howlett Hall to plant 65 trees along Fyffe Road. This is a project to help the environment, said Denise Adams, education leader of the Chadwick Arboretum.

The arboretum is part of the agricultural campus and is a display garden between Fyffe Road and Lane Avenue, Adams said.

She said members of the arboretum sponsored the tree-planting project.

The trees were donated by nurseries around Ohio, including: Lake County Nursery Exchange in Mentor, Wade and Gatton Nursery in Belleville, and Sun Leaf Nursery in North Madison.

These nurseries wanted to be a part of the project, said Ed Thompson, director of the Chadwick Arboretum. He said many of the people in the nursery industry are alumni of Ohio State or alumni of the agricultural programs here.

The arboretum members would like to create a useful outdoor facility for the entire university to use, Thompson said. They are working with the art, theater and music departments to figure out a way to benefit these departments with the facility.

Susan Borthwick, an art education graduate student and a tree-planting volunteer, said this is a good way for people to get involved and to help the environment at the same time.

Another volunteer, Char Steelman, a senior from Columbus and an intern at the arboretum, said students might become more aware of the arboretum through this project.

Steelman said the students are now becoming more conscious about the environment and they will want to get involved with projects such as this one.
University to expand Fyffe Road arboretum to 36-acre facility

By Scott Schroeder
Latern staff writer

Chadwick Arboretum will expand its two-acre grounds into a 36-acre teaching facility and place to visit at Ohio State.

Construction at the site, located at 2120 Fyffe Rd., is already under way and is expected to be completed within five years.

The project will include a garden of conifers, walkways, perennials, a pavilion, a test garden of ornamental grasses, a lake and a welcome center staffed by volunteers and students.

"Right now money is slow, and it will be a number of years before the project is completed," said Edward Thompson, program director.

The arboretum currently contains 2,000 varieties of plants, including shade and ornamental trees, shrubs, perennials and annuals.

The arboretum was established in 1980 by the board of trustees in honor of Dr. Lewis C. Chadwick, professor emeritus of horticulture.

Funded by the university and private donations, the arboretum is used to maintain a collection of plants for education, research and public appreciation of the plant world.

The 36-acre expansion will surround the sports park facilities along Lane Avenue.

"We're not a small two-acre facility," Thompson said. "You're going to see some big changes within the year."

Thompson said students will have the opportunity to do extensive research when the arboretum is complete.

"They'll be studying plant disease, the effects of certain herbicides and plant and vegetable growing conditions," Thompson said.

Thompson said that the students and staff will also answer questions from the public on plant care.

Thompson said that this type of research has been going on at other universities for several years, but he thinks Ohio State is in a good position.

"We may be pulling up the rear but we've learned from the others' mistakes and we now have the opportunity to have the premier research facility," Thompson said.

Sixteen hundred nurseries across the state have donated plants. "Potentially we have $5 million in donations," Thompson said.

The Columbus Landscape Association, a professional group with a horticulture background made up of nurserymen, landscape contractors, growers, suppliers and educators have donated mulch, labor, fertilizer, trees and money to the project.

"We still need to put in the walkways, irrigation system and more trees for them," said Bill Gerhardt, CLA president.

"So many of our members were students of Dr. Chadwick that when the opportunity to help out came around, we jumped at the chance to cooperate," Gerhardt said.

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Master Plan for the Chadwick Arboretum

1. Arboretum Center and Library
2. Bog Garden
3. Central Entrance Rotunda
4. Children's Garden
5. Center Garden
6. East Rotunda
7. Entomology Cove
8. Garden of Design History
9. Garden of Experimental Design
10. Ground Cover Terrace Gardens
11. Lake
12. Lane Avenue Esplanade
13. Main Perennial and Annual Gardens
14. Maintenance Facility
15. Memorial Grove
16. Multipurpose Great Lawn
17. Ornamental Grasses Meadow
18. Parking
19. Research and Testing Gardens
20. Residential Landscape Design Center
21. Sensory Gardens
22. Shade Garden
23. Sun Garden
24. Taxonomic Gardens/Retal Nursery
25. Water Tower
26. Wildflower Garden
27. Wildflower Meadow

Graphic courtesy of the First Avenue Design Studio
Volunteers plant trees on Lane Avenue strip

By Terry Monnett
Lantern staff writer

The stretch of Lane Avenue from Olentangy River Road to North Star Boulevard might rival the Tidal Basin in Washington D.C. for a display of flowering trees within a few years. If Ed Thompson, director of Chagwick Arboretum, is successful with his tree-planting project, the area will be packed with 200 crabapple and pear trees.

Volunteers planted 70 trees across the median strip on Lane Avenue last Sunday.

Willoway Nursery of Hilliard supplied 28 Indian Magic pink crabapples, and Barnes Nursery of Heuron donated 27 redspire Calery pear trees and 15 Ingles crabapples.

The display will become more spectacular as the trees fill out and dominate the landscape, Thompson said. Thompson is coordinating the project "so we have one place which is an eye-opener and your mouth starts to drool over the flowers."

Thompson said successive plantings next fall and spring will add flowering trees to the roadside, creating an arbor-like setting as the plants mature.

Steve Cothrel, city forester for Upper Arlington said, "That really is going to make a dramatic difference along that stretch."

Permission for the project began with Jack Lowe, city forester for Columbus. The land composing the median strip is owned by the city.

Maintenance of the property is provided by Ohio State, and approval from OSU grounds is needed because additional care is required to mow around trees and to mulch them.

Cothrel and Mary Duchi, chairwoman of Upper Arlington's Shade Tree Commission, cooperated with Ohio State and the City of Columbus.

Volunteers were recruited from schools in Upper Arlington. Sixth graders from Jones Middle School and members of the Upper Arlington High School environmental club, Bahari, provided the muscle for the job.

Horticulture students and faculty members of OSU led the volunteers in groups to plant the trees in previously staked color-coded locations.

The workers began assembling at 6 a.m. Sunday and were finished shortly after 11 a.m.
New gardens expand arboretum

By Sheri Budd
Lantern staff writer

Two new gardens are presently under construction in the Lane Avenue Gardens, a three-acre area that will expand the existing Chadwick Arboretum.

The Lane Avenue Gardens, located on the south side of Lane Avenue between Olentangy River Road and the older part of the arboretum, will feature various horticulture exhibits and new products.

It will also provide a setting for special events and will be used as an educational resource. The gardens will be open to the public free of charge, according to a Chadwick Arboretum fact sheet.

Presently under construction as part of Lane Avenue Gardens are the Columbus Landscape Association Conifer Garden and the Katherine H. Van Fossen Wildflower and Grass Garden.

The Conifer Garden, a two-acre area, will include some rare and common plants and will be planted this fall and next spring, said Fred Blyth, coordinator of the Conifer Garden.

The garden will also include a series of brick walkways, which are currently under construction, Blyth said.

The garden will be used for research, breeding purposes and as an attraction, said Ed Thompson, director of Chadwick Arboretum.

Blyth said he expects the garden to be used extensively by many people at the university and to be enjoyed by the general public as well.

The gardens will serve as an educational resource for the departments of Horticulture and Landscape Architecture, Blyth said.

It is likely other departments will be involved as well, he said.

The Conifer Garden will cost $210,000, Thompson said. The funds for the garden were donated by the Columbus Landscape Association, and the walkway construction was donated by area construction companies.

The Katherine H. Van Fossen garden, adjacent to the Conifer Garden, consists of a one-half acre area of wildflowers, ornamental grasses and perennials, said Jeanne E. Youger-Comaty, extension associate for the Ohio Home Horticulture Center.

The garden, located at the intersection of Lane Avenue and Olentangy River Road, is a tribute to Katherine Van Fossen by her son Dr. Albert Van Fossen, clinical assistant professor of Optometry, who donated part of the funds for the garden, said Janet M. Oberliesen, development officer at the Chadwick Arboretum.

During her lifetime, Katherine Van Fossen was concerned with preserving and protecting natural environments, according to a Chadwick Arboretum newsletter.

The Van Fossen Garden construction began in the fall of 1990 and is now open for research and viewing, according to the newsletter.

Construction of the garden will continue through next year with the addition of walkways and other structures, Oberliesen said.

The total cost of construction for this garden has not been determined, she said.

Phase I of the Lane Avenue Gardens has been under construction since fall quarter of 1990 and is expected to be finished by spring quarter 1992, according to the fact sheet. All funds, goods and services are being privately donated.

Construction plans for the Chadwick Arboretum also include 35 acres of gardens to be developed from Lane Avenue north along state road 315 to Ackerman Road, according to the fact sheet.
OSU's Chadwick Arboretum Expands

Planting a Garden for Tomorrow

By Michael Leach
Dispatch Garden Reporter

Just as a garden should delight all the senses, an arboretum must be more than a collection of mostly labeled bushes and trees.

Accommodating research scientists, donors, wedding parties, students, homeowners and musicians on a 45-acre site is the daunting challenge facing planners of the Ohio State University's Chadwick Arboretum as its master plan is updated.

"We don't want to be elitist," said Edward Thompson, Chadwick director. The arboretum will serve more than OSU students and faculty needs — right down to the problems found in the average homeowner's back yard, he said.

"We want to deal with real world basics, like site plantings and urban landscape planning," he said.

In November the arboretum board set three primary goals:

• Create a collection of plants in an aesthetically pleasing and functional plan for mid-disciplinary education and research, and public enjoyment.
• Provide a living resource for the citizens of Ohio and establish educational and outreach programs.
• Serve the campus and general public as a place for cultural and social events and cultural appreciation.

Permanent committees, composed of board members and representatives from

Please see CHADWICK page 22

Arboretum History: A Short Course

The arboretum is named in honor of L.C. Chadwick, Ohio State University professor emeritus, who headed the university's division of horticulture and landscape horticulture from 1953 to 1967 and was a faculty member for 35 years.

One of the guiding forces in the early years was Dean Ramsey, a landscape architect and head of the OSU Physical Facilities, said Janet Oberfuss, arboretum development officer. He developed the initial arboretum landscape plans. Ramsey retired in 1962.

Friends of Chadwick, the arboretum board, nurserymen and affiliated industry people, arborists, garden club members and the public helped launch and sustain the arboretum in its early years.


Circa 1925, visitors viewed the gardens in the shadows of Ohio Stadium, left, with McCracken power plant in background.

Chadwick Proposals

CHADWICK PROPOSALS

1. Rose garden
2. Shakespeare lawn
3. Lake
4. Wildflower meadow
5. Garden of experimental design
6. Panorama area may be viewed
7. Planned to become new perennial garden
8. Columbus Landscape Association Courtyard
9. Kenneth H. Hein Center
10. Wildflower and Ohio Garden
11. Under development now
the university and public, should be established by early next year to carry out these plans.

Final design work begins in July.

Along with committees, Friends of Chadwick, formed in 1983, will be encouraged to continue its work. A program planned for next summer will focus on children growing vegetables.

Additional volunteers, who will handle everything from maintenance to newsletter publication to conducting tours, are sought to assist the core of about 60 volunteers now involved.

The entire campus, with its more than 2,000 types of ornamental plants, is considered the arboretum. Current development is focused on two parcels on the west campus and landscaping along Lane Avenue, creating a new campus gateway, said Janet Oberliesen, arboretum development officer. The old gateway at 15th and High streets was closed several years ago when the main campus became pedestrian-oriented.

One parcel is more than 40 acres. It runs north of Lane Avenue, east of Rt. 315 and borders OSU's poultry science site and new Sports Park. The second is a 3-acre tract east of Fyffe Road and south of Lane Avenue. Called Lane Avenue Gardens, it includes the established display garden, the developing Columbus Landscape Association Conifer Garden, and the Katherine H. Van Fossen Wildflower and Grass Garden.

"Lane Avenue Gardens will feature rotating horticultural exhibits, showcase new products, provide a setting for special events and sculpture displays, and serve as a theater for educational pursuits," Oberliesen said.

Because an arboretum, like a garden, takes decades to develop and is never really finished, Thompson said, it is difficult to put a price tag on total costs. A development budget will be prepared once committee recommendations and priorities are set.

Thompson said costs for an arboretum range from $200 to $300 an acre for grass and sedging plants to $300,000 to $400,000 an acre for pavilions, walkways and fine specimens. A rough estimate for creating the type of program Chadwick plans ranges from $15 million to $20 million.

"Time is on our side," he said. He sees development stretching over 10, 15 or 20 years.

And with no large-scale contribution seen waiting in the wings, development will come as money and materials are available. A factor in any planning will be maintenance costs, not merely installation, he said.

OSU first allocated money for operating support, staff and fund-raising efforts in 1989. Previously, this arboretum operations were part of the budget for the College of Agriculture, with the Department of Horticulture administering the program.

Thompson said funding in 1989 consisted of a few thousand dollars for an intern. Thompson became the arboretum's first full-time director in June 1990.

He said the university now budgets under $100,000 to cover salaries and benefits of the three full-time staff members: himself, Oberliesen and Richmond Person, arborium superintendent. It also provides office space, secretarial help and ground crew assistance. Faculty members contribute expertise and teaching services.

Thompson sees Chadwick already filling its ultimate role — education. He said he knows of no other arboretum with the teaching resources equal to Chadwick's. OSU faculty members from horticulture and related areas contribute public workshops and help in planning.

Even as priorities and plans are considered, utility installation and grading of noise-abating earthen berms are under way in the tract along Rt. 315.

The berms are an example of the arboretum's ability to be flexible as it grows. Contractors working at various construction sites in the university area find it cheaper to dump and grade excess dirt at the arboretum than haul it to the landfill. Eventually "upland" plant materials, such as nut trees, sumacs and pines, can be used on the berms.

It takes years for an arboretum plan to grow into a garden. But Thompson said, "It will be a beautiful and environmentally sensitive approach to the landscape."

It's an outdoor classroom

Chadwick Arboretum has been an educational tool almost since its inception.

The 11-year-old arboretum is the latest in a variety of landscaped gardens and arboretums that have been a part of the university since 1885, said Janet Oberliesen, the development officer.

Stephen Drown, an associate professor in the OSU Landscape Architecture Department, said graduate students designed a master plan in 1988. "It was a very simple plan. It served to get the arboretum board interested and looking a little further."

Drown said Oberliesen's efforts and enthusiasm were another vital factor in maintaining momentum.

Students have done extensive analysis of the site. Drown is a partner in First Avenue Design, which contributed the current plan that will be revised beginning in July.

In addition to serving a variety of OSU and community interests, Drown said, "It (the plan) has to be flexible and easily changed." He foresees areas with temporary gardens, possibly sponsored by horticultural interests and businesses, to illustrate a particular theme. After a few years, the gardens would be changed.

Design factors include evolving educational and public needs, changes in funding, contributor-sponsored horticultural programs, preservation of landscape styles and planting of visionary gardens of the future.

Because Chadwick is an urban arboretum, Drown said, "It has to demonstrate to the urban dweller what you can do in your own garden."
Volunteers plant trees; OSU arboretum grows

By Brent Smith
Lantern staff writer

Ohio State students and staff worked together with local citizens to improve the environment by planting trees along Lane Avenue.

Approximately 50 people, including OSU students and staff and Chadwick Arboretum volunteers, planted 65 crabapple trees Saturday morning. The event was part of a Chadwick Arboretum project to plant trees on campus-owned property along Lane Avenue from Kenny Road to Fiesta Lanes bowling alley, said Edward Thompson, director of the OSU Chadwick Arboretum.

The planting was the second of three to be done along Lane Avenue. Last spring, 65 trees were planted and 65 more trees will be planted in the fall, Thompson said.

White crabapple trees were planted because they are salt tolerant, he said. When road salt is splashed on these trees, they survive, Thompson said.

The fruit of the crabapple tree is small enough to allow birds to carry it away; therefore, the fruit does not create a mess on the road, he said. These trees will also absorb sound and reduce dust.

The tree planting is part of the Chadwick Arboretum's continuing effort to create an urban ecosystem on campus, Thompson said.

"We have to pick a new palette of plants for the urban ecosystem; native plants are often not suited to the urban ecosystem," Thompson said.

The newly planted trees are easy to recognize by the three large white buckets attached to their bases. These buckets allow the landscape maintenance crew to water the trees properly, Thompson said.

The trees were donated by Ohio ornamental horticulturists, OSU alumni and tree lovers, Thompson said.

Suzanne Slaidins, a junior from Kettering majoring in natural resources, said the tree planting was a way for her to get more involved with the environment.

"Being involved gives you a good feeling, and it's nice to see what you've done," Slaidins said.

Volunteers of Chadwick Arboretum, along with the Friends of Chadwick Arboretum, help support the arboretum's projects, Thompson said. Both organizations are open to the public.

Through these organizations people can support the arboretum, either by donating money or by helping with the care and maintenance of the trees and plants, Thompson said.
Say it with flowers

“Star Drop,” a visual display, will be expressed in flowers at the Chadwick Arboretum this spring and summer.

The arboretum staff is looking for volunteers to help plant the floral exhibit. The exhibit was designed by Doug Coffin, a native American artist and sculptor from Alcalde, N.M., and Stephen Brown, associate professor of landscape architecture at Ohio State.

Coffin will discuss “Native American Art and Artists” at 10 a.m. May 16 in the Film and Video Theater at the Wexner Center.

The exhibit will be on the arboretum grounds north of Lane Avenue, between Ohio 315 and Fyffe Road.

Support for the landscape has been provided by the American Indian Council at Ohio State, the Columbian Quincentenary Committee, Colour Columbus, Livingston Seed Co. and members of the Central Ohio Flower Growers Association.

Volunteers will meet at 9 a.m. May 2, 23 and 30. For information, contact Janet Oberliesen at 292-0473.
THE OHIO STATE UNIVERSITY CHADWICK ARBORETUM
Environmental Art Exhibit

"STAR DROP"

Doug Coffin, native american artist and Steven Drown, landscape architect.

May 1 - October 1992
Site Art at the OSU Chadwick Arboretum Gardens
Located between SR 315 and Fyffe Road at Lane Avenue
Columbus, Ohio

"ADOPT A STAR"

Join fellow volunteers in creating a "land art" exhibit at the OSU Chadwick Arboretum. The underdeveloped acreage of the arboretum is to serve as the canvas for the scattered STAR forms of swaying grasses and vibrant flowers.

Come follow your path through the STARS to the Sky Overlook for a view from above.

May 16
Enhance your artistic abilities!
Lecture and Discussion: "Native American Art and Artist"
Doug Coffin, Alcalde, New Mexico
10:00 am
Wexner Center for the Visual Arts (Co-sponsor)
1850 College Road, Columbus, Ohio

May 2, 23, and 30
Express your creative talents!
Help design and install a planting plan depicting a bold floral graphic of the morning and evening sky.
Meet at the Star Shelter, Fyffe Road, 9:00 am to 12:00 noon.

June - October
Engage in caring for your ADOPTED STAR and the environment!
Learn about indigenous Ohio plants and early native American food crops through periodic visits to your adopted STAR PLOTS.

TO RESERVE YOUR STAR... CALL 614/292-0473

Supported by: American Indian Council at OSU, Colour Columbus, OSU Columbian Quincentenary Committee, Livingston Seed Company, and Members of the Central Ohio Flower Growers Association.
A green thumb

Ken Shellberg, an administrator in the Geological Sciences Department, plants impatiens at the Chadwick Arboretum. The arboretum is kept up by volunteers throughout the year.
CHADWICK ARBORETUM

OSU cuts slim down program

By Michael Leach
Dispatch Garden Reporter

Budget cuts at Ohio State University have frosted but not killed Chadwick Arboretum.

Chadwick's first full-time director, Edward Thompson, resigned on Oct. 5, he became the landscape manager at the State University of New York at Geneseo. Prompting the move was a long series of budget cuts amounting to 18.5 percent for the OSU Department of Horticulture, which is part of the College of Agriculture.

Rather than fill the director's post, OSU has assigned arboretum management to a committee that draws from the agriculture and horticulture staffs and the School of Landscape Architecture.

The entire OSU campus is considered part of the arboretum. It was formally established 12 years ago and has more than 2,000 types of ornamental plants.

"Everyone in administration is committed to making it viable," said Bob Moser, dean of the College of Agriculture.

"It can have an input into academic life and the public," said Luther Waters, chairman of the Department of Horticulture.

Janet Oberliesen, development officer for Chadwick, has become its coordinator. She sees the future of the arboretum as "a mainstream teaching, research and enjoyable environment in the middle of a city."

Oberliesen, the only one of the original three arboretum staff members remaining, will continue to raise money for Chadwick and the horticulture department.

Budget tightening first came in May with the reassignment of Richmond Pearson, arboretum superintendent, to other duties in the horticulture department.

Education will continue to be a primary focus of Chadwick, both for the university and community.

"We see it as an education function for us and hope the public comes in for enjoyment," Moser said.

The committee management approach means Chadwick should have greater use of student interns from university departments and colleges. They will work either for pay or for purely educational purposes.

Chadwick will continue to grow. The lake in the 40-acre plus tract along Rt. 315 north of Lane Avenue will be completed by the physical facilities department.

Oberliesen said the Columbus Landscape Association Conifer Garden near the southwest corner of Lane Avenue and Olentangy River Road, the recently announced Cancer Survivors Plaza and other projects remain on track.

A perennial garden near Howlett Hall was completed this summer. It was donated by the Ohio Nurserymen's Association.

Home landscaping classes were introduced to OSU's horticulture curriculum this fall, and Chadwick will continue to be a participant in various education programs at OSU.

Special workshops offered last year to the public have been cut.

A vital aspect of Chadwick's future is its volunteers.

"The volunteers do a super job, and it inspires me," Moser said. "If it's important enough for them to spend their time to do this, it's got to be important for the community as well."
Volunteers to marry in the OSU gardens

By Valerie Francini
Lantern staff writer

Volunteers do most of the garden maintenance at the Chadwick Arboretum, but two volunteers will take a break from their work this fall to exchange wedding vows in the gardens where they met.

The garden’s 44 volunteers will be helping with the Sept. 5 wedding of their fellow volunteers, Sara Swain and Don Creamer.

For the public, the arboretum is a peaceful oasis. But on Sept. 5, it might not be so peaceful, as hundreds of people gather to attend the wedding.

“All of the women will be required to wear spike heels to the wedding so they can help to aerate the lawn,” Rich Pearson, the arboretum’s horticulturist, said to Swain with a sly smile on his face.

Swain didn’t seem to mind that even when it comes to her wedding, Pearson is still thinking of the garden first.

Rich kept arranging it, so we worked along together,” Swain said with a laugh. “He is going to be the best man.”

Pearson is not the only person from the arboretum who will be taking part in the wedding. The volunteers are planning a potluck reception, and Janet Oberliesen, the arboretum’s development officer and administrative coordinator, will arrange the wedding flowers. The flowers will consist of whatever is in bloom in the gardens at the time of the ceremony, Swain said.

Chadwick Arboretum, located at 2001 Fyffe Road off Lane Ave., is more than two acres of colorful flowers and lush greenery used for research as well as enjoyment.

The success of the gardens relies heavily on volunteer work because there is limited staff dedicated to the arboretum full time, Pearson said.

“About 80 percent of the garden maintenance is done by the volunteers,” Pearson said. “They do weeding, planting, removal and anything else that needs to be done.”

Reasons for volunteering are as varied as the volunteers themselves, and their work is appreciated.

“They bring a lot of spirit and ideas,” Oberliesen said. “In return, they get learning experience and, in some cases, new skills that can transfer to the workplace.”

“I just retired and I wanted to be a gardener,” said Marilyn Walburn, who drives from Lancaster to work in the gardens.

Dick Cheney, a retiree, said he volunteers at the gardens because the work is therapeutic.

“You can work by yourself or with others,” Cheney said. “It is neat to create something and see instant beauty.”

He added that his wife is glad he works at the arboretum because it keeps him from rearranging their home landscape so often. The volunteers receive benefits from the garden, but so do Ohio State and the public.

The gardens are used for research and testing by many departments, including horticulture and plant pathology.
New gardens will be reflection of the past

By Molly McKee and Amy Schafer
Lantern staff writers

The Chadwick Arboretum will be recreating the University Horticultural Gardens that first bloomed on campus in the early 1920s.

The gardens were removed because of construction in 1978. The new gardens will grow along the west side of the Main Library to the area between Cunz and Lazenby Halls. Landscaping for the garden has been drafted and construction will begin soon, said Jo'Del Hower, executive director of the Columbus Landscape Association.

The new garden will contain a fountain, a sculpture, and arbor covered walkways centered around a rose garden, said Janet Oberliesen, development officer and administrative coordinator for the Chadwick Arboretum.

The garden is funded entirely by private donations and the work will be done by students and private landscaping companies, Oberliesen said.

"The Columbus Landscape Association has donated about $250,000 because the group feels that this project needs to be done for the campus and the community," she said. "Some people are donating money as memorials and others are donating money as gifts."

In addition to the volunteers needed for the Horticultural Gardens project, the Chadwick Arboretum might be needing a few more of its own volunteers for the planned expansion of the Arboretum on Lane Avenue.

Much of the land on the corner of Lane Avenue and Olentangy River Road, which is currently owned by the Columbus Landscape Association, will be given to Chadwick on Dec. 15.

Located at the corner of Lane Avenue and Fyffe Road, the arboretum is a collection of plants appropriate to the environment of Central Ohio for educational and scientific purposes.

The new land will allow for expansion of the current plant collection, said Rich Pearson, horticulturist for Chadwick.

Pearson said there are many reasons why someone might want to volunteer for Chadwick. He said it can be a great learning experience.

"When I was in school, I volunteered because I found it relaxing...to be out in the garden," Pearson said.

Chadwick currently has approximately 40 volunteers, but only about five are OSU students.

There are many things to be done at Chadwick, Pearson said. Students can participate in garden planting, garden maintenance, greenhouse maintenance, plant labeling, newsletter publication, computer entries, tours, promotions and educational programs. Duties vary with the season.

Nichelle Demorest, volunteer coordinator for Chadwick, said volunteers of all age groups help out at the arboretum.
Start of Conifer Garden to be done soon

By Danielle Minson
Lantern staff writer

The first phase of the new OSU Conifer Garden, located near the Chadwick Arboretum on the agriculture campus, will be finished this month.

The arboretum is used for the cultivation of trees, shrubs and other plants for research and teaching, said Rich Pearson, horticulturist for the arboretum.

The Conifer Garden will be an outside display of evergreens, wildflowers and perennials. A walkway around the garden will allow visitors to see about 100 different conifers, each labeled for easy identification, Pearson said.

All of the Conifer Garden was donated to the university by outside sources. The main contributor was the Columbus Landscape Association, a professional organization of landscaping firms, Pearson said.

The purpose of the Conifer Garden is to educate students, conduct research and provide community enjoyment, Pearson said.

The Conifer Garden will be used for students in agriculture classes, such as plant identification classes, he said. Some of these classes are laying the brickwork around the walkways.

Janet Oberliesen, development officer and administration coordinator for the arboretum, said the conifers, each with a 12-foot center, will be planted close together to become a giant mass to block the Agricultural Engineering Building.

The Conifer Garden has been under construction for three years and should be completed within five years, she said.

The construction of the garden is being completed in three phases. The first phase is for utility use, irrigation and planting, and later phases of the project will consist of more planting and paving, Oberliesen said.

The Chadwick Arboretum is located at the corner of Lane Avenue and Olentangy River Road, north of the Agricultural Engineering building.
Public to get peek at OSU plant treasures

A series of tours to view collections of plants and related materials is planned at Ohio State University in February.

OSU's Chadwick Arboretum is coordinating the tours in conjunction with several departments. It is designed to introduce the public to the university's wealth of plants and plant information.

Each tour costs $8 per person and is scheduled for 9 to 11:30 a.m. For registration and more information, call 292-3133.

Dates and sites are:
- Saturday - Chadwick Arboretum, Howlett Hall Greenhouses, Biocentainment Facility, meet at Howlett Hall, 2001 Fyffe Court.
- Feb. 12 - Biological Sciences Greenhouse and botanical illustrations at the main library, meet at the rear of the 12th Avenue parking garage, just west of the intersection of Neil and 12th avenues.
- Feb. 16 - Herbarium and Biotechnology, meet at the Museum of Biological Diversity, 1315 Kinnear Rd.
Hornbeams to honor Chadwick

Tree-lined path will be dedicated to late OSU professor

Arbor Day is coming a week early at Ohio State University's Chadwick Arboretum with a "celebration of arboriculture" and a dedication ceremony this morning honoring namesake L.C. "Chad" Chadwick.

The Ohio Chapter of the International Society of Arboriculturists Allee and a plaque in memory of Chadwick will be dedicated at 10:30 a.m. The event is open to the public.

Chadwick taught at OSU from 1929 to 1967 and was professor emeritus at OSU and the Ohio Agricultural Research and Development Center in Wooster. He died last year at 91.

Chadwick headed the university's division of floriculture and landscape horticulture from 1953 until his retirement. He also was active in many plant societies.

There are 7,000 arborist members in the 26 state or regional chapters of the society that Chadwick helped establish in 1924. Its goals are to foster a better understanding of plants and their safe care and to encourage local programs of comprehensive tree care.

"This is a wonderful gift," Jane Oberliesen, arboretum coordinator, said of the allee. Most of the $15,000 gift, which includes a maintenance endowment, is from the Ohio chapter. Contributions also came from central Ohio residents and arboriculture society members across the United States and Canada.

The allee consists of 14 European hornbeam trees planted on either side of a 200-foot path that is to be paved with brick. It is in the Lane Avenue Gardens that lie south of Lane Avenue, between Fyffe and Olentangy River roads.

Hornbeam trees are not commonly used as street trees but part of the arboretum's role is to educate, said Drew Todd, president of the Ohio chapter and Ohio Department of Natural Resources State Urban Forestry coordinator.

Trees planted in an urban setting offer several benefits besides aesthetics, he said. These include climate regulation by creating summer shade and windbreaks in winter, as architectural elements to create outdoor spaces, and to reduce glare and noise.

Also being dedicated today is a plaque honoring Chadwick from the Columbus Landscape Association, the arboricultural society and the Kiwanis Club of Northern Columbus.
OSU Arboretum is in bloom for looks, learning

Spring has sprung! The flowers are in bloom, and where is the perfect place to go and see all the excitement but in your own backyard at the OSU Chadwick Arboretum.

The Chadwick Arboretum is located on 10 acres of land at the corner of Lane Avenue and Fyffe Road on the Ohio State Agriculture campus.

"The Arboretum's main purpose is to support horticulture education and learning," said Rich Pearson, horticulturalist for the gardens. It also showcases specialty plant material in its natural environment.

The Arboretum is free, open to the public and quarterly provides day long horticulture programs. "We try to have a bright eye-catching display to entice visitors from the road," said Pearson.

The gardens are maintained by Pearson and OSU horticulture students, along with three staff members and 60 volunteers. "Over 95 percent of maintenance, installation and on-going work is provided by our volunteers," said Pearson. They sow the seeds and transplant seedlings for the Arboretum's displays of annuals each year. They also plant bulbs in the fall and serve as hospitality for some events, he said.

Funding for the Arboretum comes partially from the University, with the majority coming from private donations. The Arboretum and LAF, the students horticulture club, also have a fundraising gardening fair. This quarter's fair will be next Friday and Saturday, May 6th and 7th at the Arboretum. They will be featuring scented geraniums, perennials and various other plants all for sale.

Dr. Lewis C. Chadwick, from which the gardens are named, was a professor of horticulture at Ohio State. "He was deeply committed to education and did a number of hybridization work as well," said Pearson. "There are many plants that bear his name."

The gardens were dedicated July 1961. Before Ag campus was even a concept, the horticulture department was in Lazenby Hall with the gardens directly behind the building.
PHOTOS AND STORY
BY
WENDY LUCKENBILL

Tulips are in full bloom and in many colors at the Arboretum.

David Patterson and Roger Beck relax on one of the many benches throughout the Arboretum.
(Left) April Kombach, 22, an English major from Elyria, Ohio, smells the daffodils along Lane Avenue at the Chadwick Arboretum.

(Below) Rich Pearson, horticulturist for the Chadwick Arboretum, demonstrates double digging during a program presented by the Arboretum and the Garden Club of Ohio, Inc. A different program is provided every quarter.
Gardeners heeded the call of the wild on Rt. 23

By Rita Price
For The Dispatch

DELAWARE, Ohio — Purple coneflowers don’t ask for much.

Joyce Stephens thinks the hardy Ohio natives — and a whole host of similar plants — ought to be rewarded with more prominent roles in area landscapes.

Much more prominent, say, than the fragile azalea and temperamental boxwood that are staples for so many central Ohio gardeners.

“A lot of the plants that aren’t indigenous, you really have to pamper them, which means you’re constantly fertilizing and watering and using pesticides,” said Stephens, a landscape architect who recently organized a new club dedicated to the use and preservation of Ohio plants and wildflowers.

Yesterday, The Wild Ones met in a grassy median along Rt. 23 to “rescue” hundreds of flowers that were about to be mowed and buried as part of an Ohio Department of Transportation paving project.

Those that were dug up headed to new glory in Ohio State University’s Chadwick Arboretum, in new plantings along Rt. 315 and in dozens of home landscapes.

ODOT helped coordinate the project and provided 500 containers for the plants, Stephens said.

Nearly 40 people were digging busily until late-morning rains thinned the crowd by about half.

Steven Wilson, however refused to quit until he had packed the back of his pickup. His next stop was to be a surprise visit to his sister in Massillon, Ohio, more than 100 miles away.

“I’m sure she can’t use them all, but I think she’ll like them,” he said. “Wildflowers are great. I don’t like a landscape that’s too neat, too manicured. It’s like too much icing on the cake.”

Although the purple coneflower was most abundant, diggers also harvested several specimens of its yellow cousin, commonly known as the black-eyed Susan. Pleabone daisy, ironweed and coreopsis also were taken.

Janet Oberliesen, administrative coordinator at Chadwick, said many of the plants will be displayed in a wildflower garden, while others will be planted on the south side of Rt. 315 between Ackerman Road and Lane Avenue.

Stephens said the flowers aren’t picky. “They’re doing well in this median out here, and this is probably some of the worst conditions you can imagine,” she said.

Sue Nelson said she hoped to get good starts for a wildflower garden at her new Worthington home. She’s no longer interested in a golf course-quality lawn, which definitely does not occur naturally in Ohio, and exotic plants.

“This is a new movement. The idea is natural-growing things that are sound for the environment because they don’t need a lot of water and pesticides,” she said. “I’m also starting the flower garden because I don’t want a lot of grass to mow. A lot of my neighbors are very interested.”

Bonnie Weity of Clintonville had an even more specific look in mind. Asked whether the plants were for her garden, she corrected the questioner.

“For my prairie,” she said with a smile.
The Ohio State University Chadwick Arboretum gardens are a public, educational, and scientific resource, a natural place of beauty within the university campus, Columbus, Ohio. The Arboretum is being created and funded through the generosity of private individuals, foundations, corporations, the Friends of the Chadwick Arboretum, Chadwick Volunteers, and the University. Those interested in promoting the continued growth of the Arboretum or seeking information on volunteering should contact:
The Ohio State University Chadwick Arboretum
2001 Fyffe Court
Columbus, Ohio 43210
Phone: 614/688-3479 Fax: 614/292-3505

This brochure text, graphics, and layout were prepared by students Erin McLaughlin and Caroline Wallace, and by the Arboretum Staff.

THE RICHARD & ANNETTE BLOCH CANCER SURVIVORS PLAZA

THE OHIO STATE UNIVERSITY

CHADWICK ARBORETUM

APR 1996
* THE RICHARD AND ANNETTE BLOCH CANCER SURVIVORS PLAZA encompasses open-air structures, an interactive computer with the names of cancer survivors, a walkway with inspirational and informational messages, and flowering plantings. It is designed as a celebration of life and as a tribute to those individuals who have survived cancer.

* THE FOUR-ACRE SITE, dedicated May 23, 1996 is open at all times to the public. It is located within The Ohio State University Chadwick Arboretum at the northeast corner of Lane Avenue and Olentangy River Road, Columbus, Ohio.

* RICHARD BLOCH - On March 29, 1978, Richard Bloch of H&R Block, was diagnosed in his home town of Kansas City with terminal lung cancer, and given 90 days to live. Five days later, a doctor in Houston told him, "Dick, you're a very sick boy. We're going to make you a lot sicker, but we are going to cure you. We are going to cure you so that you can work for cancer."

Since his cure, Mr. Bloch and his wife, Annette have devoted their lives to helping cancer patients conquer the disease.

* A SPECIAL GIFT - The plaza concept, construction, and maintenance endowment is a gift to The Ohio State University Chadwick Arboretum and the central Ohio community from Richard and Annette Bloch as a part of their battle against cancer. "We would like to help improve the quality of life and chance of recovery for cancer patients during our lifetime.”

* THE PLAZA IS a University and community resource, a beacon of hope directing attention to the fact that there are over eight million cancer survivors nation-wide. The garden-like setting along the banks of the Olentangy River is an inspiration to all visitors, encouraging contemplation and providing a place of serenity in the center of an urban environment.

* CANCER SURVIVORS REGISTRY - If you are a cancer survivor, you are encouraged to submit your name for inclusion in the Plaza's computer listing. To register, call the Franklin County Unit of The American Cancer Society at 614/228-8466 or write to them at 900 Michigan Avenue, Columbus, Ohio 43215. Please provide your name, address, and zip code plus the type of cancer, stage of cancer, year of initial diagnosis, and telephone number. Only your name, type of cancer, and date of diagnosis will appear in the computer. The listing is another way to emphasize that cancer is a disease which may be overcome with diagnosis and treatment.
THE RICHARD AND ANNETTE BLOCH CANCER SURVIVORS PLAZA

Groundbreaking
April 7, 1995
A recent gift to the Chadwick Arboretum from the R.A. Bloch Cancer Foundation will make Ohio State University the first university in the nation to construct and maintain a Cancer Survivors Park. The park is part of one man's campaign to celebrate life in every American and Canadian metropolitan area that has a population of more than one million.

"People automatically relate cancer to death," Richard Bloch said, "but there is tangible evidence that death and cancer are not synonymous." Richard Bloch speaks from experience. In 1978, he was diagnosed with terminal lung cancer and was given three months to live. However, after a second opinion, multidisciplinary treatments of surgery and chemotherapy, and a lot of positive thinking, he has been in full remission since 1980.

In 1982, Bloch, who is the co-founder of H&R Block, retired in order to dedicate his life to helping cancer patients overcome their disease. That dedication resulted in the construction of the first Cancer Survivors Park in the Blochs' hometown of Kansas City. Since then, another park has been completed in Houston, and two others are under construction in Cleveland and New Orleans.

The Richard and Annette Bloch Cancer Survivors Plaza, which will be built in Columbus on the northeast corner of Lane Avenue and Olentangy River Road, will be under construction beginning in May, with completion expected in Fall 1995.

While the parks each have their own individual design, three similar areas link them. First, a bronze sculpture, created by the late Victor Salomon, will depict the success of cancer patients who have overcome the disease. Second, a positive mental attitude walk will be constructed and will consist of 14 plaques, four inspirational messages, and 10 instructional messages. And third, a computerized list of the names of people in central Ohio who have survived cancer will be kept by the Franklin County Unit of the American Cancer Society.

Local artists will also be involved in the design of the park to encourage community participation. "While the Bloch's chose Ohio State as the site of the plaza, it really belongs to the community," said Janet Oberliesen Administrative Coordinator and Development Officer for the Chadwick Arboretum.

A multi-sensory format will be used in the construction of the park in an effort to trigger the healing process, encourage mental health and emotional stability, and to promote a restful and peaceful feeling.

For more information about the Richard and Annette Bloch Cancer Survivors Plaza call 614/292-4678.
The Richard and Annette Bloch Cancer Survivors Plaza
at The Ohio State University Chadwick Arboretum

The principal intent in the design of the Richard and Annette Bloch Cancer Survivors Plaza has been:

- to create a special and beautiful place in a natural setting, and
- to infuse that place with strong metaphorical references reflecting notions of self healing, inner light, and transformation.

The elements of the park are distributed on site in such a way as to create a special sense of procession and gradual discovery. The main objects of discovery are the granite ball fountain in the middle of a semi-covered "open arms" plaza, and the river itself. The symbolic value of these two concepts is the awakening of the inner strength which can "move mountains", and the contemplation of deep, significant change of being as the necessary ingredient of the healing process.

Milosav Cekic, AIA, Architecture and Urban Design
The project architect, Milosav Cekic was selected to design this and five other cancer survivor's parks as commissioned by the R.A. Bloch Cancer Foundation. Cekic designed and installed the first park in Kansas City, and has three additional parks underway in Houston, New Orleans and Cleveland. His innovative designs use symbolism to communicate the healing process. A native of the former Yugoslavia, he now resides in Austin, Texas.

The Oversight Committee for the Richard and Annette Bloch Cancer Survivors Plaza is an independent group of private citizens who will promote the purpose of the plaza and ensure the continued maintenance of the plaza. Members are Richard Solove, R.J. Solove and Associates; Tom Sawyer, Paul Werth and Associates; Art Kobacker, Kobacker Company; and Cherie Lucks, Colour Columbus.
THE OHIO STATE UNIVERSITY CHADWICK ARBORETUM
- An Urban Arboretum -
Providing a Quality Environment for
Learning, Research, Preservation, and Appreciation

The Ohio State University Chadwick Arboretum, was established July 11, 1980 by the OSU Board of Trustees. Named to honor Dr. Lewis C. Chadwick, the arboretum's principal goal is to establish and maintain a collection of plants for education research, preservation, and appreciation. Located on the 1,612 acre Columbus campus the plants and the intensely landscaped gardens are the focus for urban design and environmental studies.

The arboretum serves as an outdoor classroom and laboratory for students, faculty, scholars, professionals and the visiting public. Contained within the city of Columbus, the arboretum and the wealth of botanically unique plants are accessible for observation at all times. Walkways encourage casual visits and serious study. National and international visitors coming to Columbus are afforded the opportunity to tour a first-class "arboretum in the making."

The arboretum is funded by university budgets and private contributions. The Friends of the Chadwick Arboretum and the Chadwick Volunteers are support groups who actively promote the development of the arboretum. Currently the arboretum is raising funds to expand the gardens to include an additional thirty-seven acres of plantings adjacent to SR 315, as well as other landscaped spaces throughout the campus. Plans are also underway for the installation of a Learning Garden near Howlett Hall and the completion of the University Horticulture Gardens west of the Main Library.

Those interested in encouraging the continued growth of the arboretum are invited to contribute through the OSU Development Fund. For more information contact: The Ohio State University Chadwick Arboretum
2001 Fyffe Road
Columbus, OH 43210-1099
(614)292-4678

OSU Chadwick Arboretum Coordinating Council:
Dr. Luther Waters, Jr., Dept. of Horticulture and Crop Science
Mr. James Stevens, Asst. V.P., Physical Facilities
Professor Norman Booth, Landscape Architecture
Dr. Fred Miller, School of Natural Resources
Ms. Janet Oberliesen, OSU Chadwick Arboretum
The Ohio State University
Chadwick Arboretum Gardens
Hosta collection donated to OSU
It's all academic now

By Michael Leach
Dispatch Garden Reporter

A living reference book on hostas is taking root at Ohio State University's Chadwick Arboretum. Volunteers planted the first phase of the Wade Hosta Collection, about 340 plants, on Wednesday. The plants were donated by Van Wade, a hosta collector, breeder and third-generation owner of Wade & Gatton Nurseries in Belleville, Ohio.

"The purpose of the garden is so people can learn about hostas," said Wade, who attended OSU. "It's incredible the interest in hostas."

Hostas are second only to annual impatiens in sales nationally, he said.

The collection will be planted in phases in various parts of the 10-acre display gardens that are southeast of Lane Avenue and Olentangy River Road, and someday in other areas of the campus. The plants also will be used for teaching and research purposes.

More than 60 of the most widely used cultivars were planted this week. Eventually the collection will include more than 700 cultivars. Wade said the total donation will reach about $10,000 worth of plants.

Visitors will be able to see how the various types of plants grow. If a gardener has forgotten the variety of a hosta growing in the back yard, it should be possible to identify it by looking at the labeled plants.

"It's an adaptable plant. It's low-maintenance and very appropriate for urban and suburban conditions," said Janet Overleese, arboretum program director and development officer. She and Wade began discussions on the collection two years ago.

"Because it is such a stellar collection, it seemed a good place to showcase this," she said. "It's a real asset and beautiful, too."

Hosta how-tos

Hostas are not difficult to grow if you give them some essentials recommended by Van Wade.

Note: The fertilizer used in these planting tips was Wade's own blend, which won't "burn" the plants. If using a commercial fertilizer, use the amount recommended on the package.

**Planting**
Add liberal amounts of organic material such as compost, sphagnum peat moss and well-rotted manure. Cover the planting site with about 2 inches of these amendments and till in thoroughly.

At the arboretum, which has well-amended soil, a mix of two parts compost and one part well-rotted cow manure was used in each hole. Much of the existing soil in the hole was removed.

Make the hole several times the diameter of the root ball. Add a cup of fertilizer to the hole and mix into soil.

Make a small soil mound in the bottom, similar to that used to plant roses.

Gently pull the bottom of the root ball apart slightly. Put the plant on top of the mound, spreading roots a bit. Add some amended soil mixed with another cup of fertilizer.

Fill the hole. Scatter a cup of fertilizer around the hole's perimeter. Water the planting site and mulch with shredded bark.

Wade's fertilizer blend includes a small amount of a commercial slow-release fertilizer mixed with peat moss and bone meal.

* Site — Ideally, hostas should have morning sun and full shade the rest of the day. High, filtered shade from tall trees is fine. Variegated and golden leafy types can handle the most sun; blue-green cultivars the most shade.

* Slugs... Insects are available for control of these foliage-eating pests. Home remedies include shallow pans of beer in the garden to lure slugs to death by drowning. Drought-resistant earth, a powderly mineral product, can be sprinkled around around plants. Repeat treatment after each rain.

* Patience — It takes hostas three to four years to reach mature size.
OSU to honor cancer survivors
with Chadwick Arboretum plaza

By Jennifer L. Shook
Lantern staff writer

Ohio State’s Chadwick Arboretum will expand its 12-acre garden with the addition of a cancer survivor’s plaza and a learning and children’s garden.

Construction for the Richard and Annette Bloch Cancer Survivor’s Plaza will begin Aug. 7 at the northwest corner of Lane Avenue and Olentangy River Road. The building will be dedicated at the end of October, said Janet Oberliesen, program director and development officer for the arboretum.

“The plaza was a $1 million gift to Ohio State and to Central Ohio,” Oberliesen said. The money for the park was donated by the R.A. Bloch Cancer Foundation.

It is one of five such parks being built around the United States and is the only one at a university, said Oberliesen. The others are in Houston, Kansas City, New Orleans and Cleveland.

The plaza will be a gazebo-like, open-air structure and will have a computer that will store the names of cancer survivors.

The computer also will contain the names of Ohio State alumni, Oberliesen said.

The goal is “to let others know that individuals with particular cancers have survived,” Oberliesen said.

Additions are made each year to the arboretum, which was established in 1980, said Mary Maloney, volunteer coordinator and education director for the arboretum.

A learning and children’s garden is the newest project and is in the development stage, Maloney said.

The garden, which will be built in front of Howlett Hall, will be funded by the Columbus Foundation and from private contributions, Oberliesen said.

“This is a project in progress,” Oberliesen said. Teacher leaders from the Columbus school system will contribute to the garden project.

The arboretum is open seven days a week year-round, from dawn until dusk, said Richmond Pearson, a horticulturist for the arboretum.

The tours are self-guided or conducted by volunteers, Pearson said.

The arboretum also is used as a learning lab for plant identification by OSU and Columbus State students, Pearson said.
The Ohio State University Chadwick Arboretum gardens are a public, educational, and scientific resource, a natural place of beauty within the university campus, Columbus, Ohio. The Arboretum is being created and funded through the generosity of private individuals, foundations, corporations, The Friends of the Chadwick Arboretum, Chadwick Volunteers, and the University.

Those interested in helping the Arboretum grow or seeking information on volunteering should contact:

The Ohio State University
Chadwick Arboretum
264 Howlett Hall
2001 Fyffe Court
Columbus, OH 43210-1096

(614)292-4678

http://www.ag.osu.edu/~chadwick
Hostas, by almost all accounts, are the most popular perennial in America. Today, there are over 2500 named cultivars, and the list increases annually as hybridizers strive to produce new ones. Many factors contribute to their overwhelming popularity:

- Hostas are adaptable to a wide variety of soils and locations. They are very hardy, and are considered a long-lived perennial.
- Almost all hostas will grow in day-long or partial shade; and some cultivars tolerate considerable sun.
- They are easy to divide and transplant. However, division is not required for healthy growth.
- They are attractive in either large massed groups, or interplanted with other shade-loving perennials, or grown in containers.
- Although hostas are primarily grown for their attractive foliage, some cultivars have attractive flowers, some of which are very fragrant.

In summary, hostas have unequalled versatility.

SELECTING HOSTAS

Foliage Characteristics

Hostas are usually selected for their foliage characteristics of leaf shape, texture, and color as well as plant size. Leaf colors range from solid blues, greens, and golds through an array of variegated patterns of green and white, light and dark green, and gold and white. Leaf texture is easily overlooked in making selections from young plants, but can make a big difference as the plants grow older. Some cultivars have a glossy, waxy look and some others a very distinct puckering appearance; yet others will show cupped, wavy, or curly-looking leaves. These variations may make striking accent specimens. Hostas come in a wide variety of sizes. A mature clump of Hosta 'Tiny Tears' is about the size of a bread plate with leaves one inch long; whereas H. sieboldiana 'Elegans' can grow six feet wide with leaves over a foot long.

Fragrant Hostas

Fragrant hostas must be in sun one-third of the day in order to bloom well. Varieties are H. plantaginea, 'Honeybells', 'Royal Standard', 'Fragrant Bouquet', 'Sweet Susan', 'Sugar & Cream', 'Summer Fragrance', 'Aphrodite' and many more. The old favorite H. plantaginea commonly called the August Lily, has five inch flowers that are pure white. Fragrance is strongest when hostas are planted in groups of at least three.

DESIGNING WITH HOSTAS

Hostas look attractive with other shade-loving companion plants. Popular choices are Astilbe, Wood Poppy (Stylophorum), Leopardsbane (Doronicum), Bloodroot (Sanguinaria), Jacob's Ladder (Polemonium), European Ginger (Asarum), and various Lungworts (Pulmonaria). Some ferns also make excellent companions. Small spring flowering bulbs go well with hostas, when hostas begin their growth, the bulb foliage is fading away. Decorative rocks and hostas seem made for each other.

H. 'Tokudama'  M  33" wide cupped, corrugated, deep blue-green leaves; white flowers on 24" scapes in June-July; slug resistant
H. 'Tokudama Flavocircinalis'  M  40" wide rugose, blue-green leaves with wide, irregular, cream-yellow margin; white flowers on 28" scapes in June; prefers 30% shade
H. 'Undulata Albo-marginata'  M  33" wide green leaves with white margin; lavender flowers on 32" scapes; no seed is produced
H. 'Undulata Erronena'  M  24" wide glossy, dark jade green leaves with wavy margins; pale lavender flowers on 36" scapes in July; sterile
H. 'Van Wade'  M  24" wide cupped, dark green leaves with irregular, creamy-yellow margin; flared, lavender flowers on 30" scapes in July
H. 'Vanessa'  S  12" wide small, dark green leaves; lavender flowers
H. ventricosa 'Aureomarginata'  M  28" wide large, cordate, heavy textured, green leaves with creamy-white splashed edging; purple flowers in July-Aug; shade to 3/4 sun
H. 'Vera Verde'  D  12" wide medium green leaves with white edge; purple-striped flowers on 24" scapes in July
H. 'White Knight'  L  36" wide glossy medium green leaves; white flowers on 33" scapes; very fragrant in evening; prefers morning sun
H. 'Wide Brim'  M  24" wide blue-green leaves with irregular creamy margin; pale lavender flowers in July
H. 'Winfieeld Gold'  S  12" wide gold leaves; does well in full sun
H. 'Yellow Boa'  D  12" wide yellow leaves; funnel-shaped, lavender flowers on 28" scapes in July-Aug
H. 'Yellow River'  M  30" wide bright, deep green leaves with irregular yellowish-gold margin; white flowers on 27" scapes
H. 'Yellow Splash Rim'  M  43" wide green leaves with cream margin and slight undulations; bright lavender flowers on 30" scapes in July-Aug

This brochure was created by OSU Chadwick Arboretum volunteers
Betty Abrams, Gretchen Heinke, William Olson, Suzanne Pawlak, Hope Phillips and the Chadwick Arboretum staff. Thanks to Erin McLaughlin for assisting with the brochure layout. A special thank you to Van Wade of Wade & Gatton Nurseries for donating the hostas.
H. sieboldiana 'Clarence' M 30" wide rounded, rugose, glaucous blue leaves; white flowers
H. sieboldiana 'Elegans' L 48" wide large, cordate, blue-green leaves; near white flowers on 30" scapes in June
H. sieboldiana 'Francis Williams' L 44" wide large, blue-green leaves with yellowish-green irregular edge; pale lavender flowers on 36" scapes in June
H. sieboldiana 'Great Expectations' M 30" wide variegated, wide, irregular blue and green margin enveloping light yellow-cream center; white flowers on 33" scapes in July; prefers shade to 1/4 sun
H. sieboldii 'Bunchoko' D 10" wide narrow, flat leaves with narrow white margins; funnel-shaped purple striped flowers on 18" scapes
H. sieboldii 'Kabitan' S 10" wide bright yellow-gold leaves with narrow dark green margin and ruffled edge; deep purple flowers; needs 1/2 morning sun to color up and multiply
H. 'Snow Crust' L 54" wide cordate, green leaves with white margins; funnel-shaped, lavender flowers on 48" scapes
H. 'Snow Flakes' S 12" wide green, lanceolate leaves; white flowers on 14" scapes in July
H. 'So Sweet' M 22" wide glossy, light green leaves with wide white margin; white flowers on 22" scapes in Aug
H. 'Special Gift' M 20" wide cordate, blue-green leaves; bell-shaped, purple flowers on 24" scapes
H. 'Spish-Splash All-Green' M 22" wide green leaves, funnel-shaped, lavender flowers on 24" scapes in July
H. 'Strenanthia Aureomarginata' M 24" wide medium green leaves with muted irregular gold margin
H. 'Sugar and Cream' M 50" wide dark green leaves with cream margin; very pale lavender flowers on 43" scapes in July-Aug; fragrant
H. 'Sum & Substance' L 60" wide glossy, textured, chartreuse leaves; bell-shaped, white flowers on 38" scapes in Aug; very pest resistant
H. 'Sundance' M 24" wide deep green leaves with creamy white margin; lavender flowers on 36" scapes in July
H. 'Sun Power' M 36" wide ovate-cordate, wavy, yellow leaves; lavender flowers on 36" scapes in July
H. 'Sweet Marjorie' M 20" wide green leaves; white flowers on 50" scapes in July-Aug; dense, fast multiplier
H. tardiflora S 17" wide thick, leathery, dark green leaves, funnel-shaped, violet flowers on 13" scapes in Sept; pest resistant
H. 'Tenyu' L 70" wide powdery, blue-green leaves; lavender flowers on 70" scapes in Aug; slow growing
H. thunbergiana 'Albomarginata' S 10" wide slim white edge

CULTURAL INFORMATION
Hostas are a low maintenance plant, but growth is enhanced by addition of water and fertilizer. Leaves will continue to look attractive throughout the summer if a program of slug reduction is practiced. Plant the hosta in a large hole prepared with organic matter and a slow-release fertilizer.

Organic matter. Plant hostas in generous amounts of sphagnum peat moss, compost, or shredded leaves.

Slow-release fertilizer. Use a controlled release fertilizer in early spring. Organic amendments may include powdered rock phosphate, alfalfa meal, green sand, cotton seed meal, animal manures, and dried blood. A supplemental feeding may be made in late July or early August, using either an organic mixture or a 5-10-5 granular fertilizer.

Avoid planting hostas in strong afternoon sun. Most hosta plants perform better when planted in morning sun. Some gold cultivars will tolerate more sun, but may bleach out by the end of summer.

Reduce slug damage. Slugs are the hosta fancier's bane. Some cultivars with heavy, waxy foliage are almost slug-proof. Slugs eat small round holes in the leaves of hostas. Fortunately, slug attacks are never fatal, but it is difficult to avoid some damage. Here are some methods to reduce the slug population.

- Remove mulch and debris; these are hiding places for slugs.
- Chemicals may be used such as bait poisons containing metaldehyde.
- Diatomaceous earth may be scattered at the base of the plant. This may have to be repeated frequently.
- Spray a 15% solution of non-foaming household ammonia on the hostas between 9:00 p.m. and 12:00 p.m., when slugs are the most active. This will kill the visible slugs and not harm the hostas. A 15% solution is made by using one part of ammonia and six parts of water.

THE VAN WADE HOSTA COLLECTION
The Van Wade Hosta Collection contains over 150 named cultivars, and is located in the Chadwick Arboretum at the south east corner of Lane Avenue and Fyffe Road. This collection was donated by, and named for, Mr. Van Wade, owner of Wade & Gatton Nurseries in Bellville, Ohio.

CENTRAL OHIO HOSTA SOCIETY
As a service project, the COHS helps maintain the Chadwick Arboretum hosta beds. Planned COHS activities include technical presentations, garden tours, a plant sale and auction, and a fall business meeting with a nationally known speaker. Membership information can be obtained by contacting Gretchen Heinke, president of COHS, at 299-3223.
HEIGHT SIZE KEY & DEFINITIONS

D: dwarf 1-6" rock gardens
S: small 6-12" edgings
M: medium 12-24" ground covers
L: large over 24" specimens

cordate - heart shaped
glauceous - covered with waxy, whitish material
lanceolate - longer than wide, tapering to the apex
ovate - egg shaped in outline
rugose - puckered
undulate - wavy

H. 'Abha Dabha Do' M 36" wide sturdy, firm, solid green leaves with bright yellow edge; light lavender flowers in July-Aug; prefers 3/4 to full sun
H. 'Abby' S 16" wide dark green leaves with variable chartreuse margins; lavender flowers on 17" scapes in July
H. 'Abiqua Blue Edger' S 16" wide round-cordate, powder-blue-green leaves; pinkish lavender flowers on 16" scapes in June-July
H. 'Abiqua Drinking Gourd' M 15" wide large, deeply cupped, rugose, dark blue-green leaves, glaucous below; white flowers on 22" scapes in July-Aug
H. 'Akarana' D 11" wide all green leaves; lavender flowers
H. 'Allan P. McConnell' S 18" wide matt-green oval leaves with narrow white edge; lavender flowers in June-July; sun tolerant
H. 'American Dream' S 16" wide golden, creamy-yellow leaves with white margin; lavender flowers on 14" scapes in Aug
H. 'Anfoch' M 26" wide green leaves with creamy white margins; pale lavender flowers on 26" scapes
H. 'Apple Green' M 20" wide cupped, heart shaped, yellow-green leaves; pale lavender flowers on 18" scapes in Aug
H. 'August Moon' M 40" wide rugose, gold leaves; near white flowers on 30" scapes; prefers morning sun
H. 'Bennie McRae' M 30" wide glossy green, ovate-lanceolate leaves with wavy margins; lavender flowers on 60" scapes in Aug-Sept; fragrant, rapid grower
H. 'Birchwood Gem' S 16" wide small light green leaves; purple-tinted near white flowers on 13" scapes in July
H. 'Birchwood Parkey's Gold' M 36" wide heart shaped chartreuse gold leaves; pale lavender flowers in June-July; sun tolerant
H. 'Bizarre' S 8" wide gold leaves with white edge; lavender flowers on 24" scapes
H. 'Blue Angel' L 48" wide huge heavy substance leaves; glossy white flowers on 48" scapes in July
H. 'Blue Belle' M 22" wide round-cordate, cupped, blue-green leaves; bell-shaped lavender flowers on 11" scapes in July-Aug
H. 'Moonlight' M 36" wide cordate, yellow leaves with white margins; lavender flowers on 28" scapes in July
H. 'Mount Royal' S 10" wide green, lanceolate leaves; funnel-shaped white flowers on 22" scapes in July-Aug
H. 'Munchkin' D 6" wide small green leaves form tight mound; good edger; leaves have good substance
H. nigrescens L 24" wide dark blue-green leaves; pale lavender flowers on 60" scapes in July
H. 'Osprey' M 18" wide thick, heart-shaped, glaucous, deep blue-green leaves; white flowers on 14" scapes in July-Aug
H. 'Painted Lady' S 10" wide irregularly marked green, lanceolate leaves streaked with cream and white; pale lavender flowers on 24" scapes in Aug-Sept
H. 'Patriot' M 36" wide dark green leaves with bold white margin; lavender flowers on 21" scapes in July
H. 'PeeDee Gold Flash' S 18" wide yellow, lanceolate leaves; funnel-shaped, purple striped flowers on 12" scapes in July-Aug
H. 'Pineapple Poll' M 18" wide heavily rippled gray-green leaves; lavender flowers on 40" scapes in Aug; slug resistant, fast multiplier
H. 'Platinum Tiara' S 14" wide cordate, chartreuse green leaves; bell-shaped purple striped flowers on 26" scapes in July-Aug; fast multiplier
H. 'Purple Lady Finger' M 19" wide long, arching, narrow, green leaves; brilliant purple flower buds, that never open, on 17" scapes
H. 'Queen Josephine' M 17" wide glossy, dark green, heart-shaped leaves with variable width, yellow to creamy white wide margin; violet flowers on 26" scapes in July
H. rectifolia 'Nakai' M 15" wide very small green leaf with wide creamy edge; purple-striped, violet flowers on 27" scapes
H. 'Royal Standard' M 24" wide glossy green leaves; trumpet shaped, white flowers in Aug; very showy and fragrant
H. 'Sagae' L 48" wide formerly H. fluctans 'Variegata'; thick textured blue-green leaves with gold edge; purple flowers on 10" scapes; prefers shade
H. 'Sea Octopus' S 14" wide narrow, matte-green leaves with wavy margins; purple-striped, funnel-shaped flowers on 37" scapes in Sept
H. 'Sea Yellow Sunrise' D 13" wide yellow leaves; funnel-shaped, lavender flowers on 21" scapes in July-Aug
H. 'Second Wind' S 22" wide dark green, cordate, slightly cupped, rugose leaves; pale violet, striped flowers on 28" scapes in July
H. 'Serendipity' M 18" wide small blue leaves; bell-shaped, white flowers on 16" scapes in July
H. 'Hydon Sunset'  D  8" wide chartreuse, cordate leaves with wavy undulations; bell-shaped purple flowers on 14" scapes in July-Aug
H. 'Invincible'  S  14" wide bright, glossy green leaves; funnel-shaped, very pale lavender flowers on 20" scapes in Aug; fragrant, pest resistant, sun tolerant
H. 'Izsat-u-Doe'  S  16" wide dark green leaves; lavender flowers
H. 'Jade Beauty'  M  40" wide jade green leaves; pale lavender flowers on 40" scapes in July
H. 'Jester'  M  24" wide large blue-green leaves; lavender flowers in July-Aug
H. 'Julie Morss'  S  18" wide cordate, rugose, yellow leaves with irregular, glaucous, blue-green margin; bell-shaped, very pale lavender flowers on 18" scapes in July-Aug
H. 'Kathleen'  S  15" wide green leaves with slight grayish cast; lavender flowers on 17" scapes in July-Aug
H. kikuiti  S  16" wide slender green leaves with slightly wavy edge; multicolored flowers on 22" scapes in July-Aug; drought tolerant, shade to 3/4 sun
H. 'Krossa Broad Band'  M  25" wide triangular, dark blue-green leaves; lavender flowers on 24" scapes in mid-July
H. 'Krossa Regal'  L  36" wide leathery, blue-gray leaves; pale lavender flowers on 55" scapes
H. 'Lancifolium'  M  24" wide glossy, lanceolate green leaves; trumpet-shaped, violet-blue flowers on 18" scapes in Aug-Sept
H. 'Leather Sheen'  L  15" wide heavy textured, dark green, glossy leaves; bell-shaped, pale lavender flowers on 30" scapes in July
H. 'Lemon Lime'  S  18" wide lanceolate, chartreuse leaves; purple-striped flowers on 18" scapes in July
H. 'Little Razor'  D  16" wide pale gold leaves; pale lavender flowers on 18" scapes in July
H. longissima 'Brevifolia'  S  10" wide dark green leaves; purple striped flowers with purple anthers on 20" scapes in late Sept; shade to 1/2 sun
H. 'Louisa'  S  13" wide light green leaves with irregular white edge; white flowers in July; prefers 50% shade
H. 'Margin of Error'  M  15" wide vibrant green leaves with yellowish-creamy white margin; pale lavender flowers on 22" scapes in Aug-Sept
H. 'Midas Touch'  L  30" wide deep yellow leaves with large undulations; white flowers on 36" scapes in Aug-Sept
H. 'Misty Morning'  D  18" wide light green, slightly heart shaped leaves; lavender flowers on 15" scapes in July
H. montana 'Aureomarginata'  L  36" wide large green leaves with wide yellow margin; very pale lavender flowers in July; tolerates 3/4 sun
H. 'Blue Blazes'  L  35" wide round-cordate, cupped, rugose blue-green leaves; lavender flowers on 38" scapes in July-Aug
H. 'Blue Blush'  D  12" wide blue-green, lanceolate leaves; lavender flowers on 11" scapes in July-Aug
H. 'Blue Boy'  M  24" wide glaucous blue with slight undulations
H. 'Blue Cadet'  S  15" wide heavy textured blue leaves; pale lavender flowers in July
H. 'Blue Diamond'  M  17" wide cordate, blue-green leaves; lavender flowers on 18" scapes in July
H. 'Blue Dimples'  M  24" wide thick, blue-green leaves; pale lavender flowers
H. 'Blue Prince'  M  18" wide long, pointed, bright green leaves; blue flowers; grows well in nearly full shade
H. 'Blue Vision'  M  15" wide blue-green, heavy textured, rugose leaves; white flowers on 24" scapes in June-July
H. 'Blue Wedgwood'  M  36" wide wedge-shaped, metallic blue leaves with slight undulation; pale lavender flowers in June-July
H. 'Buckeye Blue'  L  48" wide cordate, rugose, blue-green leaves, heavily glaucous below; white flowers on 30" scapes just above leaves in July
H. 'Camelot'  M  22" wide cordate, blue-green leaves; lavender flowers on 15" scapes in July
H. 'Candy Hearts'  M  20" wide heart shaped, dark green leaves; white flowers on 26" scapes in July
H. 'Carol'  M  36" wide deep green leaves with white edge; lavender flowers on 40" scapes in July; sterile
H. 'Chinese Gold'  L  18" wide gold leaves; lavender flowers
H. 'Crested Surf'  D  8" wide green leaves with variable creamy white margin; lavender flowers on 12" scapes in Aug
H. decorata  S  18" wide dark green leaves with silvery-white margin; purple flowers on 20" scapes; prefers 35% shade
H. 'Drip Drop'  M  20" wide cordate, yellow-green leaves with whitish margin; white flowers on 26" scapes in July
H. 'Drummer Boy'  M  36" wide dark green leaves; purple flowers on 30" scapes in July
H. 'DuPage Delight'  M  45" wide chartreuse rugose leaves turn to yellow with blue-green margins; very pale lavender flowers on 29" scapes in June
H. 'Edge of Knight'  M  48" wide heavy-textured, rounded leaves; mauve flowers on 30" scapes in July-Aug
H. 'El Capitan'  M  42" wide dark green, rounded, heavily rugose leaves with irregular wide cream to yellow-chartreuse margins; light lavender flowers on 35" scapes
H. 'Hydon Sunset' D 8" wide chartreuse, cordate leaves with wavy undulations; bell-shaped purple flowers on 14" scapes in July-Aug

H. 'Invincible' S 14" wide bright, glossy green leaves; funnel-shaped, very pale lavender flowers on 20" scapes in Aug; fragrant, pest resistant, sun tolerant

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H. 'Julie Morris' S 18" wide cordate, rugose, yellow leaves with irregular, glaucous, blue-green margin; bell-shaped, very pale lavender flowers on 18" scapes in July-Aug

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H. 'Kikuit' S 16" wide slender green leaves with slightly wavy edge; multicolored flowers on 22" scapes in July-Aug; drought tolerant, shade to 3/4 sun

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H. 'Edge of Knight' M 48" wide heavy-textured, rounded leaves; mauve flowers on 30" scapes in July-Aug

H. 'El Capitan' M 42" wide dark green, rounded, heavily rugose leaves with irregular wide cream to yellow-chartreuse margins; light lavender flowers on 35" scapes
OSU CHADWICK ARBORETUM
VOLUNTEERS' MISSION STATEMENT

We, the Ohio State University Chadwick Arboretum Volunteers, are dedicated to serving the University and community by promoting the Arboretum through our horticultural knowledge, experience, and education. Our mission is to advance awareness and appreciation of ecology, and to preserve and beautify our environment as a legacy for future generations.

GOALS OF THE CHADWICK VOLUNTEERS

1. To promote the Chadwick Arboretum by being ambassadors of the Arboretum; by being an integral part of the plant sales and other fundraising activities; and by assisting the staff in the garden and in the office.

2. To provide education to the community by assisting with tours and educational programs about the Chadwick Arboretum and topics related to horticulture; by providing continuing education or ourselves, which in turn will make us better representatives of the Arboretum.

3. To advance awareness and appreciation of ecology by providing education to the community about ecology and its connections to the purpose of the Arboretum.

4. To preserve and beautify the environment by working in the gardens, planting, propagating plants, pulling weeds, mulching, and moving plants.

5. To ensure a legacy for future generations by supporting the continuation of the Chadwick Arboretum through our efforts whenever we are needed.

This we do in the spirit of goodwill and cooperation.

The OSU Chadwick Arboretum Volunteers are partners, advocates and active participants in building our emerging Arboretum. We need your time and talents too! Won't you join us in ensuring a greener future?

Gardening Volunteer Opportunities at
The Ohio State University
Chadwick Arboretum

The Ohio State University
Chadwick Arboretum
264 Howlett Hall
2001 Fyffe Court
Columbus, OH 43210-1096

Phone: 614-688-3479
Fax: 614-292-3505
http://www.ag.osu.edu/~chadwick
THE OSU CHADWICK ARBORETUM

The Chadwick Arboretum is located on the campus of the Ohio State University and includes a 14-acre teaching garden, the Bloch Cancer Survivors' Plaza, the Minton Rose Garden, and the 31-acre 315 site -- which includes a 4-acre lake.

Volunteers help to maintain the gardens under the direction of the staff horticulturist. Additionally, volunteers support the Arboretum's fund raising activities, educational programming, and public outreach.

Volunteer sessions are held year round on Wednesday mornings from 9 a.m. until 12 noon, and Thursday evenings from 6:30 until 9:30 p.m. The Arboretum also holds additional volunteer sessions, which are announced in a monthly newsletter.

Tools, parking passes, nametags, t-shirts, and a monthly newsletter are provided.

Volunteers are encouraged to continue their horticultural education by participating in programs and tours that are offered through the Arboretum. Many of these programs are free.

Another benefit of volunteering at the Arboretum is the opportunity to network with other gardeners. Many of our volunteers have also participated in Franklin County's Master Gardener program.

OSU CHADWICK ARBORETEUM

Volunteer Opportunities

• maintaining the gardens
• assisting with office tasks
• organizing fund raising events
• labeling plants
• coordinating social events
• working with horticulture students, faculty, and extension agents
• preparing publicity for special events
• recruiting new volunteers
• captaining a specialty garden
• photographing events and the gardens
• creating interpretive displays
• maintaining archives
• working on special projects
• creating exhibits for public events such as the Home & Garden Show
• writing horticultural brochures
• leading tours of the gardens
... and much more!

Send me information on becoming an OSU Chadwick Arboretum Volunteer.

Send me information on becoming a Friend of the OSU Chadwick Arboretum.

Send me information on the OSU Chadwick Arboretum Endowed Tree Planting.

Send me information on sponsoring a student internship at the OSU Chadwick Arboretum.

Send me information about all four!!

NAME

STREET ADDRESS

CITY, STATE, ZIP

(____) / (____)

DAYTIME PHONE    EVENING PHONE

Tear off form and send it to:

The Ohio State University
Chadwick Arboretum
264 Howlett Hall
2001 Fyffe Court
Columbus, OH 43210-1096

Phone: 614-688-3479
Fax: 614-292-3505
http://www.ag.ohio-state.edu/~chadwick
This brochure was created under the overall direction of Dr. Michael Knee, OSU Professor of Horticulture; Chadwick Arboretum Staff Horticulturist Rich Pearson; Student Intern Amy Collins; Chadwick Volunteer William Olson; and several other volunteers who have assisted in its planting and maintenance. Brochure layout by Erin McLaughlin and Education Coordinator, Mary Maloney.

The OSU Chadwick Arboretum Volunteers are partners, advocates and active participants in building our emerging Arboretum. We need your time and talents too! Won't you join us in ensuring a greener future? For information on volunteering call 688-3479.


Those interested in observing native plant communities in the field may wish to consult *Natural Acts - Ohio* by Stephen Ostrander (Orange Frazer Press, 1994), which presents a comprehensive, user-friendly guide to Ohio's nature preserves and parks.

The Ohio State University
Chadwick Arboretum
264 Howlett Hall
2001 Fyffe Court
Columbus, OH 43210-1096

Phone: 614-292-4678
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*Iris versicolor*
The Chadwick Arboretum Bog Garden

The Chadwick Arboretum Bog Garden is not really a "bog" in the scientific sense of the word; however, it might be called a freshwater marsh or even a wetland in miniature.

The Chadwick Arboretum bog attempts to replicate a wet-meadow or prairie pothole array of native plants, such as might have existed in the Midwest before the widespread introduction and naturalization of European and Asian species.

Wet meadows and potholes, as distinguished from drier prairie communities, are typically characterized by wildflowers, grasses, and sedges that are adapted to damp or wet conditions and slightly acidic soil.

There are many such species indigenous to eastern North America, and each single community may present a more-or-less different array from those at other locations. By contrast, true bogs are highly acidic, anaerobic (lacking in oxygen), and nutrient poor, and are characterized by growths of sphagnum (peat moss) and very slow decomposition of organic matter. Fens, such as Cedar Bog State Memorial near Urbana, Ohio, are sometimes called alkaline bogs and occur where limestone formations influence water supply resulting in considerably different plant communities.

Wet meadows, potholes, and kettlehole lakes were once common throughout the Midwest and northern Great Plains; most have disappeared through agricultural drainage or fill, or by natural succession. Bogs, fens, potholes, and kettlehole lakes all originated in the retreat of the last Ice Age glacier some 11 to 15 thousand years ago. Wet meadows are sometimes found near the edges of streams where conditions allow some trees to grow along the banks; the bog Garden suggests this type of environment, and plant species were selected in part because of their tolerance for partial shade.

The 20'x60' Bog Garden area was excavated in 1995 to a depth of about three feet and a plastic liner put down to isolate it from the surrounding clay. The excavation was then filled with a mixture of coarse sand, silica sand, sawdust, and peat moss. The resulting "soil" is slightly acidic and quite loose, and will hold moisture. A perforated pipe runs under the garden, emerging at each end. When water is run into the pipe, the soil is slowly saturated from below, permitting a replication of the "seepage" that might take place in a naturally-occurring community. Home gardeners can experiment with a similar array of species without so elaborate a structure, provided the area chosen is thoroughly amended with organic matter and kept constantly wet or moist.

The Bog Garden was planted in the Summer of 1997. The species represented were chosen primarily to create a "native plant" display that is both horticulturally attractive and academically significant. Most of these were acquired from Spence Landscape and Nursery of Marion, Indiana, one of several specialty suppliers in the Midwest of native meadow and prairie plants. The various species included in the initial plantings are identified below. Inasmuch as the Bog Garden is an experiment in replicating a "natural" community in an urban area, some of these may not do well or even survive. The viewer may note that several species listed below have given rise, through hybridization and cultivation, to familiar garden perennials. All garden flowers were once wildflowers!

Sedges and Grasses

Sedges (genus Carex) are grass-like plants; they may be distinguished from true grasses, such as oaks or millet, by their triangular stems and nutlet or lens-shaped fruits. Various Carex species are native to eastern North America, typically in moist or wet conditions. These species are not easily distinguished from one another in the field and may be used interchangeably. Included in the Bog Garden planting are Crested Sedge (Carex cristata), Lake Sedge (C. lacustris), Lurid Sedge (C. lurida), and Fox Sedge (C. vulpinoides). Also included is Field Mouse Grass (Glycera striata), so named because it is an important forage plant for certain birds.

Wildflowers

Blue Flag (Iris versicolor) is the native or wild version of the familiar garden plant. Most cultivated Iris are native to Europe or the Orient. Blue Flag has strap-like foliage; blue-purple flowers in early summer.

Turtlehead (Chelone glabra) has white or pale pink flowers in early fall and resemble the head of a turtle.

Great Blue Lobelia (Lobelia siphilitica) has bluish-violet flowers borne in upright racemes in late summer. An extract of this plant was once thought to cure venereal disease, hence the botanical name.

Cardinal Flower (Lobelia cardinalis) has brilliant red flowers in terminal clusters, blooming mid-to-late summer.

Boneset (Eupatorium perfoliatum) exhibits clusters of white flowers in late summer. The light-green leaves appear to grow completely around the stems; hence it was once thought that extracts of Boneset would help fractures to heal.

Swamp Rose Mallow (Hibiscus palustris) has very large pink to white flowers with dark centers, borne in mid-to-late summer. Several Hibiscus species are native to eastern North America.

Monkey Flower (Mimulus ringens) has violet-blue flowers in mid-summer. The flower's shape resembles a monkey's face.

Tall Coneflower (Rudbeckia laciniata) has yellow flowers with dropping petals and green center in mid-summer. Sometimes called Cutleaf or Green-headed Coneflower. Numerous Rudbeckia species are native to eastern North America, appearing in a variety of habitats.

Lizard's Tail (Saururus cernaus) has a crook-like nodding tip on the long spike of tiny white flowers which flower in mid-summer; the shape may suggest a lizard's tail. Saururus can be invasive and sometimes form large colonies in the wild.

Queen-of-the-Prairie (Filipendula rubra) has clusters of delicate, showy pink flowers in mid-summer.

Marsh Marigold (Caltha palustris) is a low-growing plant of swamp and marsh edges bearing bright yellow flowers in spring and early summer. This plant is sometimes called Cowslip.

Ferns

Two species of the genus Osmunda may be seen in the more shaded parts of the garden: Cinnamon Fern (O.cinnamomea), named for the resemblance of its fertile fronds to cinnamon sticks; and Royal Fern (O.regalis), which may reach five to six feet in height. Osmunda species are found worldwide as well as in the Midwest; these and other native fern species lend excellent texture and contrast to shaded dappled areas of the home garden.

The bog garden is located in the Katherine H. vanFossen Wildflower Garden of the Lane Avenue Display Gardens east of the Agricultural Engineering Building.
Chadwick Arboretum
3rd Annual Founder's Day Mum Sale

Friday, September 8
7am - 7pm
and
Saturday, September 9
9am - 5pm

Dakan Hall Lawn at the corner of Lane Avenue and Fyffe Road

Many varieties available and priced at $5 each or five for $20. Ornamental cabbage and kale will also be available.

All proceeds benefit the operations and programs of the OSU Chadwick Arboretum.
Mother's Day

Diana West, intern for Chadwick Arboretum, Mary Maloney, volunteer coordinator, and President Gee chat at Chadwick's Mother's Day plant sale Friday.
ABUNDANT FOLIAGE seems to engulf Raymond Miller as he helps clean up the Chadwick Arboretum. The assistant dean for the College of Food, Agricultural and Environmental Sciences was among volunteers who got out into the garden July 25. Future events for green thumbs include "Trees Are Terrific: Putting Them in Their Place," Sept. 15 at the Fawcett Center; and the Founder's Day Mum Sale from 7 a.m.-7 p.m. Sept. 13 and 9 a.m.-5 p.m. Sept. 14 at the Dakan Hall Lawn. Tree seminar registration costs $45 and $60. Call 688-3479. Mums are $5 each, or five for $20. Ornamental cabbage and kale also will be available.
The volunteers and staff of
The OSU Chadwick Arboretum invite you to their

Spring Plant Sale

Friday, May 9  Saturday, May 10
7 am - 7 pm       9 am - 5 pm

Dakan Hall Lawn
NW corner of Lane Avenue
and Fyffe Road

NEW THIS YEAR
SPECIMEN PLANT/TREE AUCTION
AT NOON FRIDAY & SATURDAY

THREE BOUTIQUES:
Hostas, Day Lilies, Ivies

MANY VENDORS

ALSO FEATURING:
Perennials, herbs, ornamental trees,
flowering shrubs, b & b plants, old favorites,
horticultural experts, Master Gardeners

Proceeds benefit The OSU Chadwick Arboretum
Cash, checks, Visa and Mastercard accepted.
Flower child

A young girl looks through the plants shown at Chadwick Arboretum on Saturday.
Announcing...

The Ohio State University Chadwick Arboretum is On-Line!!!

OSU Chadwick Arboretum Web Page
http://www.ag.ohio-state.edu/~chadwick

Features: Calendar of Events, Updated Arboretum News, Volunteer Newsletters, Plants of Note, and more!!!
A Visionary Gift
Herb and DeeDee Glimcher, practicing planner and landscape architect, are visionaries and proponents of quality environments. They encourage others to think of new and different ways to address problems. True to their philosophy, the Glimchers are giving encouragement and support to the OSU Chadwick Arboretum for the development of the area along State Route 315.

A portion of their generous $1 million gift to OSU is designated for the development of the thirty plus acres that is part of the campus gateway, extending north to include the land surrounding the lake. The immediate objective of the gift is to make the area attractive for public use by establishing walking trails and initiating tree plantings. The site is to be graded, seeded with grass, and paths installed. Ultimately, the area is to be developed as part of what noted landscape architect William Johnson called “the greenway zone”, a signature space where the automobile, sports facility, and Arboretum become partners in creating a new entrance to a great university.

The merits of such an arrangement can be more clearly understood when standing on-site surveying the surrounding construction and development. As DeeDee remarked, “(T)he Arboretum is positioned to act as a reception area for University visitors coming to athletic events and as a showcase for other programs, enhancing the experience for all who enter campus.”

Progress Made
William Johnson’s vision for the next phase of Arboretum development sparked the advocacy of Valerie Vlaskovich, Chadwick Volunteer. This led to the Rickenbacker Air National Guard Base and Major Timothy Koenig, Base Civil Engineer, who found the Arboretum to be an appropriate site for engineering field exercises. Discussions and a site visit by Master Sargent Albert Dabbs, Superintendent of Site Development were followed by several intense weeks of work by the survey crew. The resulting topographical survey, represents a significant savings for the University and is one of the critical documents needed for the site master planning process and grading plans.

The $290,940 roadside enhancement project funded through a competitive grant process and the federal ISTEA program was completed in June. It is another component in the development of the Arboretum North area. The project was administered by the Ohio Department of Transportation and involved plantings along SR 315 at the western perimeter of the Arboretum between Ackerman Road and Lane Avenue and SR315 northbound ramp at Lane Avenue. Designed by John Lawter, OSU Landscape Architect, the landscaped sections contain a succession planting requested by faculty, and woody ornamentals hardy to central Ohio.

The Next Step: Encouraging Natural Systems Within The Arboretum
TREES ... the natural legacy of Ohio is the starting point for creating natural Arboretum systems, a vital part of the master plan. Cheri Lucks, President, Colour Columbus, an Arboretum Development Committee member, and advocate of planting trees state-wide, is donating one thousand trees for the State Route 315 site, in celebration of Colour Columbus’ tenth anniversary. The Phase I group of trees are to be planted by Spring 1998, with the help of volunteer groups, and will be dedicated on Arbor Day, April 24, 1998. Definately a day to celebrate!
The 60-acre Chadwick Arboretum includes the Lane Avenue Gardens, the Arboretum North Site and the grounds surrounding Howlett Hall, known as the Learning Gardens. Each area includes named collections of plants, as well as individual trees and shrubs.

The Arboretum has been a destination on the OSU campus since 1980. Named for Dr. Lewis Chadwick, former professor of horticulture, it is the outdoor learning laboratory for students in horticulture, landscape architecture, plant pathology, entomology and natural resources. It is also a natural respite, open to the community year-round.

The Labyrinth Garden is attracting many new visitors to the Lane Avenue Gardens—it features a Chartres-style labyrinth and a tranquil and beautiful place to meditate, eat lunch or meet friends.

indicates parking available to the public. More parking is available after 5 pm and on weekends. Groups arranging tours can request parking passes.

The Arboretum grounds are a part of the OSU campus and are always open. There is no admission fee.

To schedule a tour, or for more information about any programs of the OSU Chadwick Arboretum, call 614-688-3479.

Visit the Ohio State University Chadwick Arboretum website for updates of educational programs, special events and plant sales, as well as specific information about plant collections.

Featured plant collections include the nation’s largest willow collection, a substantial collection of conifers, and trees and shrubs native to Ohio.

During the growing season, the Arboretum’s herbaceous displays attract many visitors. The displays feature a hosta collection, an extensive perennial border, container plants, tropical foliage plants, unusual annuals, wildflowers, grasses, flowering bulbs and pansy and annual trials.

FRIENDS OF THE CHADWICK ARBORETUM support programs and operations through annual membership dues. Friends receive reduced admission prices for special events, and are invited to attend the very popular preview at the Arboretum’s spring plant sale. Membership also provides reciprocal admission to many gardens and arboreta throughout the country.

VOLUNTEERING provides a unique opportunity to promote the programs and operations of the Arboretum. Franklin County Master Gardeners and community volunteers are actively involved—they help maintain the gardens, coordinate fundraising events, provide tours, develop educational programs and much, much more.

MEMORIAL AND ENDOwed PLANTINGS Throughout the gardens and the broader OSU campus there are memorials and endowed plantings of trees and shrubs, as well as some dedicated benches. Call for information on gifting a plant to celebrate an event (graduation, birthday, promotion) or to remember a deceased colleague or loved one.

MAYHEW SCHOLARSHIPS The Arboretum offers opportunities for students to develop horticultural skills through the Mayhew Scholarship program. Undergraduate students who have an interest in woody plants and who excel in academics and show leadership potential are given opportunities to work with faculty and Arboretum staff. Tuition, fees and a stipend are provided by the program.

It’s a place to learn about native trees and shrubs, a place to stroll in an urban environment, a place to collect your thoughts in a meditative garden... a special place to visit.

OPEN EVERY DAY
free admission
LEARNING GARDENS
On the grounds surrounding Howlett Hall
- Kleinmaier Perennial Garden
- Van Fossen Wildflower Garden
- Ag & Natural Resources Student Council Gazebo Garden
- Annual and pansy trials
- Prairie plants for urban sites
- Rare Bulb Collections

ARBORETUM NORTH
North of Lane Avenue and west of Fred Taylor Drive
- 1000 Trees, native to Ohio, grouped by natural associations
- Willow Collection, the largest in the nation
- Donald Mahew Memorial Grove, trees native to Ohio
- Two-acre research lake
- Jones Memorial Grove
- Prairie plant research plots

LANE AVENUE GARDENS
East of St. Ri. 315 on Lane Avenue between Fyffe Road and Olentangy River Road
- Van Wade Hosta Collection
- International Society of Arboriculture allee of beech trees
- Lois B. Small & Gladys B. Hamilton Labyrinth Garden
- Columbus Landscape Association Conifer Collection
- Professor L.C. Chadwick Founder’s Rock
- Barbara Jean Johnson Promenade
- McCall Colorado Spruce Collection
The Ohio State University
Chadwick Arboretum
5th Annual Founder's Day Mum Sale

Friday, September 5
7am - 7pm
and
Saturday, September 6
9am - 5pm

Dakan Hall Lawn
at the corner of Lane Avenue and Fyffe Road

Many varieties available and priced at $5 each or five for $20.
Ornamental cabbage and kale will also be available.

All proceeds benefit the operations and programs of the OSU Chadwick Arboretum.
December 28, 1999

To Whom It May Concern:

My interest, as a private citizen was historical landscape architecture and horticulture. I successfully conducted independent research on a number of topics. A premise of special interest was that of the designation of the Ohio State campus (Columbus) as an arboretum. However, the concept had not been documented.

For several years I conducted a casual search for information about the campus as an arboretum. The first clue was discovered as part of my review of the historical minutes of the Columbus Horticultural Society. It appeared in the December 5, 1885 Annual Report.

"It may be of interest to the Society to note.....on that part of the University campus occupied by the arboretum begun by the Columbus Horticultural Society"

Recently, with clue in hand and the help of Archives, I found the descriptions of the early management of the campus landscape and arboretum designation in the 1884 Annual Report, Board of Trustees of The Ohio State University.

"The whole campus is regarded as an arboretum, and already contains a fair collection of our hardy trees and shrubs."

I offer the information to be used in whatever manner seems appropriate.

Sincerely,

Janet M. Oberliesen
Development Officer

Copies Attached: Columbus Horticultural Society Annual Report, 1885.
14th Annual Report, Board of Trustees, Ohio State University, 1884
The Society met, and was called to order at 2:15 p. m., by the President.
The minutes of the preceding meeting were read and approved.
Mr. Aldrich proposed J. W. Morton, John L. Cord, Jr., Mrs. Laura Lawson, Mrs. Mary L. Wasson and Miss Jeanette Wasson as members of the Society, who were each duly elected. First, Westwater proposed Gen. M. Peters as a member, and he was duly elected. Mr. Janney proposed J. R. Hellen- thal as a member, and he was duly elected.
Mr. Devol, committee on Botany, read the following:

**ANNUAL REPORT.**

Quite a large number of plants not found catalogued in the published floras of Ohio have been observed in various localities. Some of these are introduced species, others are indigenous, but have heretofore been overlooked. None of them, I think, are of any economic value, although some may prove to be serious weedy pests. It may be of interest to the Society to note that one of these new species, *Potentilla recta*, Willd., was first observed by Professor Lassenby on that part of the University campus occupied by the arboretum begun by the Columbus Horticultural Society.

There seems to be an increasing interest throughout the State in the subject of botany, and I have received numerous letters of inquiry concerning the character, habits, etc., of native and introduced species of plants, and especially their importance, economically considered. Over 250 specimens of plants have been received for naming at the experiment station since last March.

The additions to botanical literature have not been particularly large or important. The most valuable addition in the English language is the second part in order of publication of Gray's *Synoptical Flora*. Other publications are: *Plant Life on the Farm*, by M. F. Masters; *Flowers of the Field and Forest*, by Sprague; *Mushrooms of America*, by J. A. Palmer, Jr. Several journals of more or less botanical interest have been started. The *Journal of Myology*, edited by W. A. Kellerman and published monthly at Manhattan, Kas., is devoted exclusively to mycological botany. The *American Florist*, published semi-monthly at Chicago and New York, made its appearance last August. The *Michigan Horticulturist*, a monthly published at Detroit and edited by Charles W. Garfield, appeared in September. *Popular Gardening* is a monthly, the first number dated at Buffalo and New York, October, 1885.

J. C. Arthur, of the New York experiment station published an important pamphlet on pear blight, setting forth the experiments and results of inoculation of the blight on various trees during the season of 1884. It consisted practically in a repetition of the experiments made by T. J. Burrill a few years ago, and the same conclusions reached.

Perhaps the investigations in Europe of the subject of bacteria should come under the head of botanical research, but as they have not dealt with the botanical aspect I will not speak further regarding them. Much valuable, thorough work is being done in various branches of botanical science, but in no branch can we say that the work is completed.

Much remains to be done.

Mrs. Lovejoy and Pres't, Westwater, from the committee on meeting of the State Horticultural Society, presented sundry bills amounting to $231.99, which were ordered paid. The Secretary presented a bill in favor of the Ohio State Journal Co. for $2.50, and a bill in his own favor for four day's service as Secretary, $5.00, which were ordered paid.

On motion of G. S. Innis, the Society proceeded to the election of officers for the ensuing year.

Upon balloting, the following were declared to be elected:

**President—** J. M. Westwater;
**Vice-President—** O. W. Aldrich;
**Secretary—** W. S. Devol;
**Treasurer—** Geo. W. Sinks;
**Executive Committee—** G. S. Innis, Wm. R. Lassenby, W. J. Green.
Fourteenth Annual Report
OF THE
BOARD OF TRUSTEES
OF THE
Ohio State University,
TO THE
GOVERNOR OF THE STATE OF OHIO,
FOR THE YEAR 1884.

COLUMBUS:
The Westbey Co., State Printers,
1884.
OHIO STATE UNIVERSITY.

LABOR.

Most of the work has been done by regularly employed laborers. Students have been given work as far as possible. It has been found impracticable, however, to carry on the work systematically and still find employment for students at any hour they may choose to demand it. Those who could work regularly a few hours each day, have usually found employment. As a general thing, students are not familiar with garden operations, and cannot be employed with satisfaction or profit until they have acquired some degree of skill. It seems no more than just to discriminate according to merit and pay in proportion, but such a plan has serious objections. The only practicable course, where the amount of work is limited, is to employ those only who are most faithful and skilful.

THE FRUIT GARDEN.

The soil of the fruit garden does not seem to be well adapted to fruit-plants in general. None of the fruit-trees, except the cherry and dwarf pear, have made a satisfactory growth, and even these show but little evidence of fruitfulness.

The apple trees especially have been carefully watched during the past two or three seasons in order to discover their needs. The soil is well drained and does not lack fertility, and yet the trees are making a very unsatisfactory growth. If there is any available ground upon the college farm, better suited for such a purpose, I should recommend the establishment of a new apple orchard.

The pear trees, especially the dwarfs, have made a much better growth, and are quite free from blight or other diseases. A portion of the pear orchard has been seeded with grass, as the trees are growing too thriftily. The remaining portion, also the apple, cherry, and quince orchards are still cultivated. The vacancies have been filled with new and carefully selected varieties.

The quince bushes were all killed to the ground by the severe cold of last winter. The dead tops were removed last spring, and young shoots started from the roots. These made a very vigorous growth despite the dry weather. Whether they will survive the winter or not remains to be seen.

The grape vines also suffered from the severe cold of the past year. They made a good growth, however, and are now in an excellent condition. The vines will be pruned and laid down for the winter.

Several new varieties have been added to the list reported last year. Among these are the Empire State, Bruno, Antonette, Excelsior, Early Victor, Golden Pochington and Jefferson. This makes altogether something over 60 of our best varieties.

Strawberries.—The plantations, both new and old, occupy about one and three-quarter acres. About one-half of these were planted in the spring of 1873, one-half of the remainder in 1894, and the balance in 1892.

The yield the past season was not large, being cut short by untimely spring frosts and excessive drouth.

The fruit, though lacking in quantity, was of good quality and sold at fair prices, giving better returns than any other crop. The following new varieties have been added to the list: Ford's Seedling, Park Beauty, Legal Tender, Howell's Late Prolific, Henderson, Foote's Seedling, Grand Duke, Crawford's No. 93, Black Giant, Arnold's Pride, Jewell, Parry, Wonderful, Daisy Miller, Indiana, Vineland, Emerald,
A portion of the University campus lying just south and west of Horticultural Hall has been set apart for a Botanic Garden.

In this area it is intended to have specimens of nearly all our native perennial herbs and undershrubs. The species of each family, as far as possible, are to be grouped together. It will be a matter requiring no little skill and painstaking labor to find a place of suitable soil, elevation, exposure, light, shade, dryness and moisture, to meet the requirements of all the plants that we wish to have here represented. A thorough examination and careful study of the ground shows that such a selection can be made for a large number of species, and the work will be pushed forward just as fast and as far as our time and means will permit.

The whole campus is regarded as an arboretum, and already contains a fair collection of our hardy trees and shrubs. Additions should be made from time to time until there is to be found somewhere upon the University grounds a few species of every kind of tree and shrub that will grow in our climate. Through the liberality of the Columbus Horticultural Society a good beginning of what is intended to be a complete collection of the native trees of Ohio has been made.

This collection is to be kept distinct and is to occupy that portion of the campus lying south-east of Horticultural Hall, and immediately south of the road leading thereto.

It is hoped that means will be provided for the extension of this collection, and also for adding largely to the general arboretum the coming spring. There is nothing connected with my department that is likely to prove of more public interest, considering the means necessary to expend, than the establishment of a botanic garden and the continued enlargement and improvement of the arboretum.

The Green-House and Flower-Garden.

Our new green-house is a grand success. The location, general plan of structure, methods of heating, and ventilation are about all that could be desired. It is built in the most careful manner and of the best possible materials.

The staging, costing over $200, was put in by the Experiment Station. Not a dollar, except a few trifling charges for shipment, has been paid for plants. Our collection is not as complete as we hope to make it, yet, thanks to the generosity of friends, we have a much larger and better stock than we dared to expect. The plants are of signal service for purposes of study and illustration, and the house is proving useful for performing various experiments.

Our collection comprises several thousand individual plants, representing at least five hundred distinct varieties. The greater portion are rare exotics, such as are cultivated mainly for ornament. We are also getting specimen plants of economic value, those which afford food, clothing, and which are useful in medicine, and in various other ways.

Our flower-beds, though few in number, were well kept, and added much to the appearance of the grounds. We hope to do much more in the direction of out-door floriculture the coming season.
The Lawn.

This was mowed twice in the early part of the season, and has been kept in fairly good order. Its appearance has been much improved by the removal of several old and partially dead trees. Although some changes for the better are being made from year to year, the actual condition of the lawn is far from satisfactory to those in charge. Excepting a small portion, immediately in front of the main building, the surface is very rough and uneven. Some portions need underdraining. If this was done, and the whole surface properly graded and top-dressed, with well decomposed stable manure, we might have an almost perfect lawn. Without these improvements, it is impossible to keep it in anything like decent order. I again urge the importance, the necessity, of having a good one-horse lawn mower. I also renew my recommendation for some rustic seats, to be placed at suitable points. A few arbors, covered with some of our finest hardy-climbing vines, and some bird-houses of neat design, would add much to the attractiveness of our campus.

The proper care of the University grounds demands much time in personal supervision, and considerable money to pay for labor. But it is time and money well spent. Few things are more important than to teach the art of making home pleasant. Our grounds should not only be a means of education for our students, but a good example of a tastefully laid out and well kept place for the benefit of the general public.

Summary.

The following is a brief summary of the means of illustration and instruction in this department:

(1.) A museum, containing specimens of nearly every plant found in the State, and fairly representing the flora of the United States. A large collection of grasses, seeds of weeds, and various economic products of the vegetable kingdom.

(2.) An orchard, containing numerous well selected varieties of the apple, pear, cherry, plum and quince.

(3.) A small vineyard, containing 50 varieties of the grape.

(4.) A garden of small fruits, containing all the best varieties of the strawberry, raspberry, blackberry, currant and gooseberry.

(5.) A vegetable garden, with hot-hoods, cold-frames, experimental plots, conveniences for irrigation, etc.

(6.) Nursery and forest-tree plantations, with practice rows for budding, grafting, pruning and training.

(7.) Ornamental grounds, planted with a large variety of evergreen and deciduous trees and shrubs.

(8.) A well built and conveniently arranged green-house, furnished with a good collection of native and exotic plants.
January 13, 2000

Ms. Janet M. Oberliesen
The Chadwick Arboretum
264 Howlett Hall
2001 Fyffe Court
CAMPUS

Dear Janet:

Thank you for sharing with me your research concerning the designation of the Columbus campus as an arboretum. I will review the documentation with interest and forward it to Dr. Raimund Goerler, university archivist, for his information as well. The campus is indeed a wonderful place to observe the natural beauty of our area, and I am especially looking forward to seeing the budding greenery on the Oval in the spring. I appreciate your taking the time to write.

Sincerely yours,

William E. Kirwan
President

Ip

c: Raimund E. Goerler
OSU Chadwick Arboretum

Arbor Day Celebration

Please join us for the OSU Chadwick Arboretum Arbor Day Celebration, Friday, April 28, 10 a.m. at the gazebo in front of Howlett and Kottman Halls.
The Volunteers and Staff of The Ohio State University Chadwick Arboretum invite you to the

Friends of the Chadwick Arboretum Spring Plant Sale & Garden Fair Reception

Thursday, May 11, 2000 6 p.m. until 9 p.m.

Behind Dakan Hall - Lane Avenue & Fred Taylor Drive, Just East of SR 315
Light Refreshments Provided

First Pick of Plant Materials - 10% Discount on All Plant Purchases.

Specimen Plant and Tree Auction at 7:30 p.m.

Perennials, herbs, ornamental trees, flowering shrubs, b&b plants,
student-grown heirloom vegetables and hanging baskets

Old favorites, books, raffle, vendors, garden items and native plants.

Proceeds benefit the OSU Chadwick Arboretum - Cash, Check, Visa and Mastercard accepted
April 24, 2001

Dear Friends of the Chadwick Arboretum:

I have a couple of events to remind you of, the first, of course, is our *Friends Reception and Plant Sale Preview* night that will be held Thursday, May 10 from 6-9 p.m. at our plant sale site behind Dakan Hall on the OSU campus. In addition to first selection of plant materials, you’ll receive a 10% on herbaceous and woody plant purchases (excluding heirloom vegetables from the Fruit & Vegetable Society; hanging baskets and annuals from the Landscape & Floriculture Forum; and auction plants).

The auction, which will feature many specimen and rare plants, will begin promptly at 6:45 p.m. You can sign up for the auction beginning at 6 p.m. I have included a partial list of plants that will be offered at the auction. We are continuing to receive plants and we’ll have a complete list available on Thursday, May 10 at the sale site. Our second auction will be held Saturday at noon.

This year we will be featuring a Garden Store—we’ll stock garden books, wooden herb wheels, soil scoops, garden gloves, trellises, circle hoes, plant penguins, and more! We’ll also offer special discount prices on many items. Our Mother’s Day boutique will add foil, bows, and gift tags to your purchases for a nominal fee—just in time for Mother’s Day.

You’ll also have an opportunity to take a chance on our raffle items: Mantis Cultivator, Felco Hand Pruners, wheel barrow, and other garden-related prizes. The cost of tickets are $1 each, six for $5, and 30 for $20. I have included 30 tickets so you can apply your address at home. Be sure to bring your tickets to our raffle booth at the plant sale. Raffle winners don’t need to be present (at 4 p.m. Saturday, May 12) to win. Be sure to include your phone number on the ticket.

This year we’ll also be offering a 10-minute landscape design consultation with design experts and Master Gardeners. Be sure to bring along a picture of the landscape area that you need advice on.

Thanks for your continued support of the OSU Chadwick Arboretum and Learning Garden. All proceeds benefit the programs and operations of the OSU Chadwick Arboretum Learning Garden.

Sincerely,

Mary C. Maloney
Education and Volunteer Coordinator
Friends Membership Coordinator
OSU Chadwick Arboretum  
Spring Plant Sale & Garden Fair  
May 10-12, 2001  
Preliminary Auction List  
Auction time: Thursday May 10, 6:45 p.m. and Saturday May 12, noon

Arcola Creek Nursery  
Chionanthus virginicus - white fringetree 4'  
Cornus mas 'Golden Glory' - corneliancherry dogwood 5'  
Ilex verticillata 'Oosterwijk' - common winterberry 24"

Barnes Nursery  
Magnolia stellata 'Royal Star'- royal star magnolia  
Fagus sylvatica 'Tricolor'- tricolor European beech  
Prunus subhirtella- snow fountain weeping cherry

Berryhill Nurseries  
Prunus serrulata 'Snowgoose' - snowgoose Japanese flowering cherry  
Betula utilis D. Don var. jacquemontii- white barked himalayan birch  
Weigela florida 'Variegata' - variegated old fashioned weigela

Brotzman's Nursery, Inc.  
Cercis canadensis 'Covey'- covey Eastern redbud

C.M. Brown Nurseries, Inc.  
(2) Prunus subhirtella "weeping white"- weeping white Japanese cherry

Carlisle Tree Farm  
(5) Picea omorika- Serbian spruce  
(2) Picea abies- Norway spruce

Cass-Mill Nurseries, Inc.  
(2) Abies concolor - white fir 30-36" b & b

Cherryhill Aquatics  
(2) waterlilies

Decker's Nursery  
Betula x 'Royal Frost' - royal frost birch 25 gal.  
(2) Cercidiphyllum japonicum - katsuratree 25 gal  
(4) Chamaecyparis obtusa 'Wells'- Wells hinoki falsecypress 3 gal.

Eastside Nursery, Inc.  
Picea orientalis - Oriental spruce 4'-5'  
Picea omirika - Serbian spruce 4'-5'  
(2) Aesculus parviflora - bottlebrush buckeye 5 gal.  
(4) Chamaecyparis pisifera - Japanese falsecypress 5 gal.  
(5) taxus 'Chadwick'- Chadwick yew

Ohio Mulch Supply  
(2) Certificates for 25 bags of mulch  
(#414 Hardwood or #114 Cypress)

Herman Losely & Son, Inc  
(2) Syringa vulgaris 'Pres. Poincare' - Pres. Poincare common lilac #5  
Syringa reticulata 'Ivory Silk' - ivory silk Japanese tree lilac  
(2) Hydrangea quercifolia - oakleaf hydrangea #2  
Stewartia pseudocamellia - Japanese Stewartia 4'  
(2) Corylus avellana 'Contorta'- Harry Lauder's walking stick  
Acer palmatum dissectum 'Waterfall' - waterfall cutleaf Japanese maple #10  
Pinus bungeana – lacedbark pine #5

Hobby and Assoc.  
Corylus avellana 'Contorta' - Harry Lauder's walking stick  
(2) Magnolia stellata 'Royal Star'- royal star magnolia

Klyn Nurseries, Inc.  
Caragana arborescens 'Pendula' - Siberian peashrub #5  
Asimina triloba - common pawpaw 4', #3  
Chamaecyparis nootkatensis 'variegata' - variegated nootka falsecypress 3', #7  
Tsuga canadensis 'Jervis' - Jervis Canadian hemlock 24"  
Acer tegmentosum 'White Tigress' - White Tigress Manchustriped maple 5', #5  
Corylus avellana 'Contorta' - Harry Lauder's walking stick 5', b & b  
Phyllostachys 'Bissetti'- Bissetti bamboo 5', #5

Kobel's Nursery, Inc.  
(10) Ilex cornuta- Chinese holly

Manbeck Nurseries, Inc.  
(3) Cladrastis kentukea - American yellowwood  
(3) Ginkgo biloba - ginkgo  
(3) Asimina triloba 'Dunal'- Dunal common pawpaw  
(3) Aesculus glabra- Ohio buckeye  
(3) Koelreuteria paniculata- panicled goldenraintree

Ned's Nursery  
Syringa 'Betsy Ross' - Betsy Ross lilac 1 gal.  
Viburnum plicatum tomentosum 'Snowflake' - snowflake doublefile viburnum 2 gal.
Oakland Nursery
Acer palmatum dissectum 'Red Select'- Red Select cutleaf
Japanese maple

Picken's Tree Farm
Cercidiphyllum japonicum- katsurutree
(another tree he will decide later)

Ridge Manor Nurseries, Inc.
(4) Chamaecyparis pisifera 'Golden Mops'- Golden Mops
(5) Hemerocallis 'Stella D'ora'- Stella D'ora daylily
(5) Heuchera 'Palace Purple' Palace Purple coral bells #1
Prunus x cistena - Purple Leaf Sand Cherry

Roemer Nursery, Inc.
Caragana arborescens 'Pendula' - weeping Siberian peashrub
Corylus avellana 'Cortorta'- Harry Lauder's walking stick
(2) Syringa xhyacinthifolia 'Pocohontas'- Pocohontas early flowering lilac
(2) Magnolia stellata 'Royal Star'- royal star magnolia

Siebenthaler's
Magnolia acuminata 'Elizabeth'- Elizabeth cucumbertree magnolia #10
Parrotia persica - Persian parrotia #10
Syringa vulgaris 'Dapple Dawn' - Dapple Dawn common lilac #10
Syringa laciniata - cutleaf lilac #5
(2) Chionanthus virginicus - white fringe tree #5
(2) Fothergilla gardenii 'Mt. Airy' - Mt. Airy dwarf fothergilla 18"
(2) Itea virginica 'Little Henry'- Virginia sweetspire
Amelanchier arborea 'Autumn Brilliance' - Autumn Brilliance downy serviceberry
Calycanthus floridus - common sweetshrub 18"

Smith Evergreen Nursery, Inc.
(10) Pinus resinosa - Red Pine 2-3' 
(10) Picea pungens - Colorado spruce 2-3'
(5) Thuja occidentalis 'Woodwardii'- Woodward Globe Arborvitae

Split Rail Nursery
(3) Abies 'Canaan'- Canaan fir 3'

Scarf's Nursery
(3) Malus 'Red Jade' - Red Jade crabapple #7
(2) Parrotia Persica - Persian parrotia #10
(5) Gingko biloba- ginkgo #3

Studebaker Nurseries
(2) Magnolia stellata 'Royal Star'- royal star magnolia 5 g.
(2) Malus 'Robinson' - Robinson crabapple 6'-7'
(2) Malus 'Prairiefire'- Prairiefire crabapple
Betula nigra 'Tecumseh compact' – Tecumseh compact river birch 3'-4'

Sunleaf Nursery
(2) Fagus sylvatica 'Riversii'- Riversii European birch

Tree Tyme Nursery, Inc.
Acer palmatum 'Inaba Shidare' – Inaba Shidare Japanese maple 4', b&b
Betula 'Crimson Frost'- crimson frost birch 8', 7 gal.
Morus Chaparral - 6', 10 gal.

Warner Kingwood Nurseries, Inc.
Fagus sylvatica 'Tricolor'– tricolor European birch #15
Fagus sylvatica 'Pendula'– weeping European birch #15
Chionanthus virginicus – white fringe tree #7

Willoway Nursery
(1) Acer palmatum diss. 'Atropurpureum'– purple cutleaf
Japanese maple 5'-6'
(1) Acer griseum - paperbark maple 6' b&b

W.S. Yoe
Corylus avellana 'Contorta'- Harry Lauder’s walking stick
Picea glauca 'Pendula'- weeping white spruce
Prunus subhirtella var. pendula- Japanese Weeping Cherry

Thanks to all of our donors for their generous contributions to The Ohio State University Chadwick Arboretum Spring Plant Sale Auction. All proceeds benefit the programs and operations of the OSU Chadwick Arboretum.
By Terry Dubow
Lantern staff writer

The Chanlack Arboretum is on the verge of change. To help make the best choices, the landscape architecture program recently bought in a paid consultant.

William Johnson, a landscape architect from Berkeley, Calif., said he came to Ohio State to "advise and give counsel to those who are producing ideas." He spent a week working with students in landscape architecture and those planning the changes for the arboretum.

Johnson made a final presentation Thursday evening to a full theater at the Wexner Center for the Arts.

Norman Booth, section head of landscape architecture, said Johnson was hired to give guidance and help coordinate some of the proposed ideas, including those offered by students.

The goal of the changes is to update and add to existing gardens, and to develop other parts of the arboretum land, Booth said.

There are two major issues being addressed by the arboretum: its role in the new western entrance to OSU and the new demands brought by the Schottenstein Center going up across the street.

"One of the exciting things about the arboretum is that it is coinciding with the development of the athletic campus and the new entrance from the freeway interchange," Johnson said. "The arboretum can be associated with the new entrance and make more of a beautiful place."

Janet Oberleeen, a development officer in agronomy, said all changes will be "woven into the overall plan of the university."

Because the arboretum is located on Lane Avenue and Olentangy River Road, officials expect a dramatic increase in people walking through the gardens to get to the Schottenstein Center.

"The plans that are being talked about are designed to accommodate pedestrian flow," Johnson said. Part of the renovations should be completed to coincide with the opening of the arena. But most of his recommendations will be part of a long-range plan to be implemented "as people are able to support it," Johnson said.
The Ohio State University Chadwick Arboretum

invites you to an evening lecture with

Dr. Robert E. Lyons
Director of the J.C. Raulston Arboretum
North Carolina State University

Annuals and Tender Perennials:
Plants for the Attention Deficit Gardener

Thursday, October 24, 7 p.m.
Agricultural Administration Building Auditorium
2120 Fyffe Road
South-east Corner of Lane Avenue & Fyffe Road

Refreshments will be served.

Friends of the Arboretum lectures are free to those with current membership. There is a $5.00 fee for non-members. We will have a current membership list at the door. Memberships will be available for purchase at the door. Entrance is free to all Ohio State students with ID and Dept of Horticulture and Crop Science faculty and staff.
Arboretum Dedicates 1,000 Trees

By Candace Pollock
(614) 292-3799
pollock.58@osu.edu

Editor’s Note: Photographs of the event are available. Contact Jodi Miller at (614) 292-9653 or miller.332@osu.edu.

COLUMBUS, Ohio — A newly planted American Elm tree, a species once ravaged by disease, stands gracefully on the site of Ohio State University’s Chadwick Arboretum.

The tree, which carries a gene resistant to the devastating Dutch elm disease, is among 1,000 native Ohio trees planted on the arboretum site that represent a symbol of rebirth for plants long forgotten and a return to nature amid a bustling urbanized area.

“The plantings are a sign of growth of the increased use of native trees in Ohio,” said Ohio’s first lady Hope Taft. “This project shows people we can use native materials in a residential setting.”

Taft was the guest speaker at a Chadwick Arboretum-sponsored event on April 25 that dedicated the 1,000 trees in celebration of Arbor Day and Ohio’s Bicentennial. Nearly 200 Columbus patrons attended the event, including Bobby Moser, dean of Ohio State’s College of Food, Agricultural, and Environmental Sciences; Stephen Myers, chairman of the Department of Horticulture and Crop Science; Steve Baertsche, associate director of Ohio State University Extension, Agriculture and Natural Resources; as well as a host of Ohio State professors, area organization members and city residents.

“The site is a rebirth of an area of campus that used to be a dump spot for construction,” said Myers. “It’s special to think what a garden can do to a place. Imagine what it will look like 50 years from now.”

The Chadwick Arboretum site, located behind Dakan Hall on the northwest corners of Lane Avenue and Fred Taylor Drive, began development in 1997 after a local organization expressed interest in planting 1,000 trees on campus to celebrate the state’s bicentennial. Today, those trees represent over 120 native Ohio tree species planted throughout the site. They are representative of the four main ecological areas of Ohio: glaciated plateau, hill country, lake plains and till plains.

“The distribution of the species is a reflection of the history of the state,” said Pablo Jourdan, an associate professor of horticulture and crop science. “They are grouped together within a rough proportion of the environment in which they exist.”

Examples of tree species planted include red maple, white ash, oak, sassafras, black walnut, wild black cherry, shagbark, black willow, butternut, persimmon, Ohio buckeye and eastern redbud.

Jourdan said the trees are meant to bring years of joy and education to those visiting the arboretum site.

-more-
"Our lives are very busy, but if we look at a tree, we notice that a tree takes its time. Trees look their best at 60 and 70 years old and that's not bad for people either," he said. "So take the time to look at trees. Our ultimate goal is for the site to be educational and teach people the wonderful diversity of trees we have in this state."

-30-
The Friends of the
OSU Chadwick Arboretum & Learning Gardens

Autumn 2004 Lecture Series
Saturday, September 18
9 a.m. - 12 noon
OSU Kottman Hall Auditorium, 2021 Coffey Road

A Morning in the Garden With Three Popular Ohio Authors

Debra Knapke, The Garden Sage
Author of: Perennials for Ohio, Annals for Ohio, and Gardening Month By Month in Ohio

Fred Hower, Ohio’s Nurseryman
Author of: Tree and Shrub Gardening for Ohio

Jim McCormac, Ecologist, Botanist, and Long-Time Ornithologist
Author of: Birds of Ohio

Friends of Chadwick Arboretum & Learning Gardens Member Discount – $15
Non Members—$20
Students with ID – $10

Free parking in lots adjacent to Kottman and Howlett Halls

A book signing by the authors will follow all lectures.
Sunday, October 17, 2 p.m.

**Restoring American Gardens – Heirloom Ornamental Plants, 1640-1940**
Presented by Denise W. Adams, PhD, Ornamental Plant Historian
OSU Agricultural Administration Building Auditorium

From the colonial era to the pre-WWII period Denise W. Adams has thoroughly researched history and horticulture to document the changing plant palette of American ornamental gardens. This fascinating presentation dispels myths such as the belief that native plants were neglected in early American gardens. Don’t miss this inclusive horticultural lecture from one of Ohio State’s most admired horticulture grads.

**Friends of Chadwick Arboretum & Learning Gardens**
Member Discount – $15
Non Members– $20
Students with ID – $10

Free parking in lot adjacent to the Agricultural Administration Building, 2120 Fyffe Road

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Thursday, November 11, 7 p.m.

**The Great American Apple Wizard: The Life and Times of Peter M. Gideon**
Presented by James R. Curran, Historian and Biographer
OSU Agricultural Administration Building Auditorium

In 1868, Peter M. Gideon gained fame and wide acclaim for growing the first apple ever to survive North America’s winter – the Wealthy apple. Gideon’s early horticultural contributions brought millions of dollars to the northern states, yet Gideon died in poverty, his reputation destroyed by jealous University of Minnesota researchers as well as members of the Minnesota Horticultural Society. James Curran restores the reputation of Peter M. Gideon and his deserving place in horticultural history.

**Friends of Chadwick Arboretum & Learning Gardens**
Member Discount – $15
Non Members– $20
Students with ID – $10

Free parking in lot adjacent to the Agricultural Administration Building, 2120 Fyffe Road

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A book signing by the authors will follow all lectures.

For more information call
Mary Maloney, 614-688-3479
http://chadwickarboretum.osu.edu
April 1, 2005

Dear Friends of Chadwick Arboretum & Learning Gardens:

I know that you are anxious for an update from the Arboretum—I have been getting a lot of phone calls and emails lately, which usually means that our Spring Plant Sale, Auction, and Gardening Fair is coming soon. And you are right! I am including a flyer about the sale and want to remind you that our Friends Only Pre-Sale Reception will be held Thursday, May 5, 6-9 p.m. I also want to let you know that we’ll be hosting a plant auction on all three days this year—Thursday, Friday, and Saturday! And, when you renew your membership you can add a friend’s name at the bottom of the form and they will receive a free one-year membership. We want all of central Ohio’s gardeners to know about our gardens, our programs, and our sale! Be sure to check our entire plant sale selections on the web at http://chadwickarboretum.osu.edu.

Here is more news about events, workshops, exhibits, and volunteer sessions:

You are invited to our Arbor Day Celebration on Friday, April 29 at 1 p.m. when we’ll gather at our SR315 site just north of the plant sale site to honor retiring OSU Athletic Director and horticulturist Andy Geiger by dedicating the newly planted Aesculus (Buckeye) Collection. We are also celebrating the Arboretum’s 25th anniversary and former horticulturist Rich Pearson will be our guest speaker. Refreshments will be served following the dedication. You can park at the OSU Bill Davis Baseball Stadium on Fred Taylor Drive. I hope to see you there, and be sure to bring a friend.

Ohio’s Garden Path: The Flowering of Our Landscape
Opening weekend April 2-3, 12 noon - 5 pm (continues through September 3, 2007)
Ohio Historical Center, Columbus
This two-year exhibit explores how garden styles, plants and the use of our home grounds evolved during the last 200 years. Visitors will discover how today’s garden and landscaping decisions are connected to the past. The Arboretum will provide a display depicting the evolution of our gardens during the opening weekend. A copy of our Aesculus discolor (Red Buckeye) print from the Chadwick Arboretum Emanuel Rudolph Collection of Botanical Illustrations will be included in the two-year display. I hope that you’ll plan to visit this exciting and informative horticultural exhibit.

Central Ohio Hosta Society Volunteer Session in the Chadwick Arboretum
Sunday April 10, 1pm-3pm
Plan to join members of the Central Ohio Hosta Society for a garden maintenance session in the Van Wade Hosta Collection in our Lane Avenue Gardens. The entrance to the Arboretum is located at the northeast corner of the Agricultural Administration Building, 2120 Fyffe Road on the OSU campus. Parking is available in the parking lot on the east side of the Agricultural Administration Building.
Through the Season with Annuals and Perennials
Advanced Herbaceous Gardening
Presented by OSU Extension Franklin County and the OSU Chadwick Arboretum & Learning Gardens with Extension Educator Jane Martin and Horticulturist Kathy Burkholder. This three-part program is for gardeners with experience in growing both annual and perennial flowering plants as well as experience in soil preparation and basic garden maintenance. Cost is $30/session or $75 for all three sessions.
Call 247-6046 for registration information.
Session 1: April 9, 9am - 12 noon Propagation techniques using cuttings and seeds; new annuals; spring maintenance, and more.
Session 2: July 16, 9am - 12 noon Summer maintenance including irrigation, deadheading, pruning, pest identification, and more.
Session 3: August 27, 9am - 11:30 Preparing new beds in fall; fall maintenance, garden tour, optional plant swap.

OSU Association of Faculty and Professional Women
Luncheon and Garden Tour hosted by Chadwick Arboretum & Learning Gardens
Wednesday, June 15, 11:30 am
Calling all OSU faculty and staff women to join us for a luncheon and tour of the gardens. To make a luncheon reservation please contact Jean Dodson, AFPW President, at dodson.1@osu.edu. More details will follow.

Landscape Plant Identification
Learn to identify trees, shrubs, and herbaceous plants and find out about the soil, light, and moisture conditions that make them thrive. Tuesday and Thursday evenings, 4-8 pm, June 21 - July 22 in the OSU Chadwick Arboretum & Learning Gardens. Coordinated by Landscape Horticulture Professor Pablo Jourdan and Horticulture & Crop Science Research Associate Sharon Treaster. Email jourdan.1@osu.edu for registration information. Single and multiple class rates are available.

Art in the Garden — A Day Camp for Kids
June 27 - July 1, 2005
Each summer the OSU Chadwick Arboretum & Learning Gardens co-hosts a week-long workshop with the OSU Wexner Center for the Arts. This year we will co-host "The Secret Garden" for kids 6-7 years old. The Wexner Center is now accepting registrations for this program, which will meet in our Lane Avenue Gardens daily M-F from 9 a.m. until 12 noon the week of June 27-July 1, 2005. The cost of the program is $55 for Arboretum Members or Members of the Wexner Center for the Arts, and $65 for the general public. Enrollment is limited, and advanced registration is required. Call 292-6493 to register by phone using a credit card.
OSU Chadwick Arboretum & Learning Gardens Open House
Sunday, July 24, 2-5 pm
Hourly tours of our extensive perennial and annual collections in the Learning Gardens in
front of Howlett Hall, 2001 Fyffe Court, will be given by the faculty, staff, students, and
volunteers who tend these research gardens. Bring the entire family and enjoy an ice
cream treat as you stroll through the collections. This year our annual trials will be
quadrupled and will include over 400 cultivars of annuals. Don't miss this opportunity
to meet members of the Department of Horticulture & Crop Science, Franklin County
Master Gardeners, and Chadwick Arboretum Volunteers.

Well, that's a great start to the season. I hope to see you at one or more of these exciting
horticultural events soon. Thanks for your continued support!

Sincerely,

Mary Maloney
Education & Volunteer Coordinator

P.S. We need more volunteers. Call 688-3479 to see how you can help with these and
other outreach programs of the OSU Chadwick Arboretum & Learning Gardens.

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New this year! Three plant auctions will be held during our Spring Plant Sale, Auction,
and Gardening Fair. You can expect exceptional deals on unique and specimen trees and
shrubs. We'll also be auctioning a design consultation, and two hours of corrective
pruning by a local certified arborist. Be sure to tell your friends about this!

    Thursday, May 5, 6:30 p.m.
    Friday, May 6, 12 noon
    Saturday, May 7, 12 noon

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The Volunteers of The Ohio State University
Chadwick Arboretum & Learning Gardens
invite you to their spring

Plant Sale
Auction and Gardening Fair

Friday, May 6, 7 am–7 pm
Tree and shrub auction at noon Friday.
Saturday, May 7, 9 am–5 pm
Tree and shrub auction at noon Saturday.

Friends of Chadwick Arboretum members only
pre-sale reception and plant auction.
Thursday, May 5, 6–9 pm

Just east of 315 on the OSU campus—
Lane Avenue and Fred Taylor Drive

Visit our website for a complete list of plants, books,
and auction items available —
http://chadwickarboretum.osu.edu

Cash, checks, Visa and Mastercard accepted.
Thanks for supporting the programs and operations of the
OSU Chadwick Arboretum & Learning Gardens.
Gently Used Garden Items Can Be Donated to our Rummage Sale

The Volunteers and Staff of the Chadwick Arboretum have been very busy this winter preparing for the Spring Plant Sale, Auction, and Gardening Fair (May 5-7, 2005). One of our most popular sale areas is the rummage display where gently used garden items are sold at very reasonable prices. The volunteers are planning to include rummage sale items again this year and they need your help!

The volunteers are accepting donated items from Friends of Chadwick Arboretum for the rummage sale. Suggested items include large and small tools; pots—ceramic, terra cotta, or metal (not plastic) of all sizes; hoses; bird baths and bird feeders...essentially anything that might be used in the landscape. Also, gently used garden books will be accepted and sold in the Garden Store.

Donations can be brought to the plant sale site weekdays beginning Monday, April 25, 9am-3pm. There will be a drop off cart at the entrance to the fenced compound where you can leave items. The plant sale site is located west of the Schottenstein Center and north of Lane Avenue on the OSU campus (see enclosed brochure with map). Items that aren’t sold during the sale will be donated to Habitat for Humanity.

If you have questions about donating items please call Mary Maloney at 688-3479 or at maloney.23@osu.edu. Thanks in advance for your generous donations. We are very grateful!
Sports/Plants Go Hand in Hand at Arboretum

By Candace Pollock
(614) 292-3799
pollock.58@osu.edu
Mary Maloney
(614) 688-3479
maloney.23@osu.edu

COLUMBUS, Ohio — Athletics and horticulture share a long history at Ohio State University — well over 100 years — yet few may realize how closely the two are linked together.

The university’s football stadium, the Horseshoe, becomes a classroom each year for ornamental science students; horticulturists turn turfgrass knowledge into workshops for coaching staff; and some of Chadwick Arboretum’s biggest fans are spectators of basketball, softball and field hockey.

That relationship was all the more evident during Ohio State’s Chadwick Arboretum and Learning Gardens Arbor Day event on April 29 in Columbus, Ohio, where a botanical collection of North American native buckeyes (genus Aesculus) was dedicated in honor of the university’s Director of Athletics, Andy Geiger, who is retiring after 11 years of service.

The collection not only celebrates the prominence of the Ohio buckeye as the state tree and the university’s beloved mascot, but it also points to the important intertwining of two of Ohio State’s long-standing traditions.

“Our athletic facilities and Chadwick Arboretum, they are both classrooms. They are in the same business — to make society better — and to share it in the way that we do has been a real joy,” said Geiger, addressing a crowd of about 100 Columbus residents and university faculty, staff and students, during the event.

The five Buckeye species: Ohio buckeye (Aesculus glabra), yellow buckeye (Aesculus flava), red buckeye (Aesculus pavia), autumn splendor buckeye (Aesculus xarnoldiana), and bottlebrush buckeye (Aesculus parviflora) now take their place among 1,000 other trees at Chadwick Arboretum, representing over 120 species that grow throughout Ohio.

The site on the northwest corners of Lane Avenue and Fred Taylor Drive, an area shared by Jerome Schottenstein Center and Jesse Owens Memorial Stadium.

Guest speaker Rich Pearson, a horticulturist for Cox Arboretum and Gardens Metro Park in Dayton, Ohio, shared his 12 years of Ohio State experiences of helping to transform Chadwick Arboretum from 2.5 acres into the 60 acres it is today. He also emphasized the importance that such facilities have for those who visit them.

“Arboretums are important because they support education, they help industry educate potential clients, they provide greenspace for those needing a place to unwind, and they serve a research purpose. They are the plant zoos of tomorrow,” said Pearson. “This arboretum is a testament to the people who would see the future. Here we are and it is just magnificent.”

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The Chadwick Arboretum site began development in 1997 after a local organization expressed interest in planting 1,000 trees on campus to celebrate the state's bicentennial. The trees are representative of the four main ecological areas of Ohio: glaciated plateau, hill country, lake plains and till plains. Examples of tree species planted include red maple, white ash, oak, sassafras, black walnut, wild black cherry, shagbark, black willow, butternut, persimmon, and eastern redbud.

Chadwick Arboretum is part of the university's College of Food, Agricultural, and Environmental Sciences. The arboretum and accompanying Learning Gardens are celebrating its 25th year. This is Ohio's 133rd Arbor Day observation.
July 15, 2005

Dear Friends of Chadwick Arboretum & Learning Gardens,

Thanks so much for supporting our Spring Plant Sale, Auction, and Gardening Fair. We made so many new gardening friends through our “complimentary membership for a gardening friend” offer that was given when you joined or renewed. The proceeds of our new memberships as well as those of the plant sale are already being used to purchase new equipment to maintain our gardens and upgrade our operations. Thanks so much for making this sale such a huge success!

A benefit of your membership is that you are eligible to enter many public gardens and arboretas throughout the states with free or reduced admission through our reciprocal admissions agreement with the American Horticultural Society. You can check participating gardens at their website http://www.ahs.org/ I am currently updating the process to produce our membership cards, and will have the new cards out soon.

I am enclosing a flyer about our first annual Open House that will feature tours of our extensive annual trials, perennial gardens, container trials, and the Ornamental Plant Germplasm Center. The Franklin County Master Gardeners will be on deck to answer your ornamental and edible garden questions, and the Central Ohio Hosta Society will host a hosta auction. The bluegrass band Loosely Strung will provide musical entertainment, and the Chadwick Arboretum & Learning Garden Volunteers will make root beer floats for you to enjoy as you stroll through the gardens. We’ll have Chadwick-logo water bottles and baseball caps for sale and a chance to win a garden basket of garden books and garden goodies. Bring the entire family and your friends to this free event. Parking is available in the lots adjacent to Howlett Hall, 2001 Fyffe Court at Woody Hayes Drive on campus.

We have some exciting news about two new gardens that will be added to our Learning Gardens in front of Howlett Hall. English designer and world renowned plantsman Adrian Bloom will install a Blooms of Bressingham Mixed Perennial and Shrub Garden September 7th and then participate in
a day-long series of lectures on September 8th. Horticulture Professor Steve Still is coordinating the installation and the lectures through the Perennial Plant Association. More details will follow.

The John Peter Minton Memorial Rose Garden will be installed in the gardens just east of the main entrance to Howlett Hall this fall. The garden will feature a remnant wall of bricks from the original horticulture garden greenhouses on main campus.

The Chadwick Arboretum & Learning Gardens has five Mayhew Fellows this summer: Peter Lowe, Emily Wenger, Dennis Lee, Kristin Six, and Berteena Rollins. These are undergraduates in Landscape Horticulture who were chosen to receive the prestigious fellowship based on their leadership, grade point, and interest in gaining hands-on experience in maintaining the gardens and programs of our university-based public garden. The Mayhew Fellows are supervised by Professor Pablo Jourdan.

Additionally, landscape horticulture students Lyndsay Biehl, Virginia Oswald, and Krista Kamban are working full time in the Learning Gardens and Annual Trials this summer. The Arboretum is a unique place for these students to transfer academic theory into practical experience, and the gardens are really looking great!

The Arboretum has also welcomed the expertise of horticulturist Kathy Burkholder in her new position as horticulturist for the Learning Gardens. She joins horticulturist Mike Pfeiffer and research associate Sharon Treaster as the newest member of the Chadwick team. You can meet all of our students as well as staff and faculty during our Open House.

I do hope to see you at our Open House, Sunday, July 24, 2-5 p.m., however, if you’d like to schedule a tour of gardens some other time, please contact me at 614-688-3479. Thanks for supporting our programs and operations!

See you in the gardens,

Mary

Mary C. Maloney
Education & Volunteer Coordinator
You and Your Family
Are Invited!

Ohio State University Chadwick Arboretum & Learning Gardens

OPEN HOUSE

Sunday, July 24, 2-5 pm

Bring your entire family to an open house featuring the colorful perennial gardens and extensive annual trials (more than 300 cultivars) that are planted in the OSU Chadwick Arboretum & Learning Gardens.

Tours - Hourly

Ice cream.

Stroll through the collections.

Learn about new and favorite plants for your garden.

Meet members of the Department of Horticulture and Crop Science, Franklin County Master Gardeners, and Chadwick Volunteers.

The Ohio State University Learning Gardens
Howlett Hall, 2001 Fyffe Court
on the Ohio State Campus
(Just east of 315 at Fyffe Court
and Woody Hayes Drive)

Free parking available in adjacent lots.

Thanks for supporting the programs and operations of the OSU Chadwick Arboretum & Learning Gardens.

For more information and directions visit our web site:
http://chadwickarboretum.osu.edu/
COLUMBUS, Ohio — On Ohio State University’s College of Food, Agricultural, and Environmental Sciences (CFAES) campus sits a hidden gem of color and beauty splashed across landscapes of horticulture design.

Ohio State University Chadwick Arboretum is home to one of the most varied collections of flora in the state, made up of woody plants, tropical plants, wildflowers, native Ohio plants, perennials and more than 400 cultivars of newly planted annuals.

And the public is invited to enjoy what the 60-acre arboretum offers at the first Chadwick Arboretum and Learning Gardens Open House, being held July 24 from 2 p.m. to 5 p.m. The free event is being sponsored by Ohio State’s Department of Horticulture and Crop Science and Chadwick Arboretum staff and volunteers.

“The Open House is designed simply to bring people to our gardens. It’s an opportunity for us to showcase the beauty we have here,” said Mary Maloney, Chadwick Arboretum education and volunteer coordinator. “And whether people are gardeners or they just love flowers, this is a great place to visit.”

Participants of the event have the opportunity to attend hourly tours or stroll at their leisure while enjoying bluegrass music. Staff from C. Wayne Ellett Plant and Pest Diagnostic Clinic will be on-hand to share displays and diagnose diseased plant material. In addition, the Central Ohio Hosta Society will host a plant auction with proceeds going to $500 scholarships for future horticulture students.

Chadwick Arboretum consists of three main areas: Learning Gardens, Lane Avenue Gardens and Arboretum North. The Open House will mainly feature collections from the Learning Gardens, an area of perennials, annuals, wildflowers, pansies and rare bulb and dwarf conifers that are found mainly on the CFAES grounds surrounding Howlett Hall.

-more-
"The Learning Gardens are designed mainly for teaching and learning, but they can also provide visitors a one-stop place for ideas of what they can add to their garden for diversity," said Kathy Burkholder, Learning Gardens horticulturist. "There is even an area of container plants, themed to highlight plants that attract pollinating insects."

Visitors to the Learning Gardens will be introduced to the new Murphy Family Annual and Pansy Trials. Situated in a lot on the corners of Woody Hayes Drive and Fyffe Road, the trials consist of over 400 cultivars of annuals from 14 plant companies.

Claudio Pasian, an OSU Extension horticulturist and trials leader, said that the annuals trials are designed to provide cultivars suitable for central Ohio that not only commercial producers would benefit from, but that home gardeners would enjoy.

"The trials are for everybody. The information is useful to companies producing new cultivars because it gives them an idea of how plant material performs in our area. Growers benefit from these results because it allows them to choose high-performing cultivars," said Pasian. "Finally, these results help customers to buy the cultivars that they like."

The plants are evaluated three times during the summer and fall months for such performances as mortality rate, overall growth, number and quality of flowers and resistance to insects and diseases. Results of the trials are available by logging on to http://floriculture.osu.edu.

For more information regarding the Chadwick Arboretum and Learning Gardens Open House, log on to http://chadwickarboretum.osu.edu, or contact Mary Maloney at (614) 688-3479.

-30-
August 9, 2005

Dear Friend of Chadwick Arboretum & Learning Gardens,

Today is a great day for the OSU Chadwick Arboretum & Learning Gardens! As I was walking up to Howlett Hall this morning three horticulture student interns from the Brickman Group (a local landscaping firm) and Mayhew Fellow Berteena Rollins were unloading tillers and a bobcat to prepare the 3600 square foot site of our new Blooms of Bressingham garden.

The garden will be installed under the guidance of English designer and renowned plantsman Adrian Bloom on Wednesday, September 7, 2005. You are invited to be part of the team of volunteers helping with this installation. If you are available to participate, please let me know. I will provide parking passes and volunteer t-shirts to all who help. Additionally, you are invited to attend our noontime cookout/potluck. The garden will be installed in front of Howlett Hall, 2001 Fyffe Court on campus beginning at 8:30 a.m. on September 7, 2005.

During our lunch break on September 7th we will honor the career of Professor Steve Still as he retires from the OSU Department of Horticulture & Crop Science. His book Manual of Herbaceous Ornamental Plants has become one of horticulture’s most popular references. Still served as Director of Chadwick Arboretum, and as interim chair of our department. He will continue to direct the Perennial Plant Association (PPA). Our new garden is actually part of the preparations for central Ohio to host the 2007 PPA annual meeting—its silver anniversary year.

The OSU Chadwick Arboretum & Learning Gardens is also announcing the Steven M. Still Herbaceous Plant Endowment. Contributions to this fund will provide hands-on opportunities for horticulture students to learn the cultural requirements and nomenclature of perennials, tropicals, bulbs, and annuals while maintaining our herbaceous collections. Contributions can be sent to the above address.

The Chadwick Arboretum will follow the Blooms of Bressingham garden installation with a day-long lecture program on Thursday, September 8, 2005. I have included a brochure with an overview of speakers and registration information.

I am including your membership cards in this mailing. If you did not receive your membership card, please contact me at 614-688-3479 or at maloney.23@osu.edu. And finally, if you have an email address and are not receiving emails from me please forward your email address to me. Thanks for your continued support!

Sincerely,

Mary.

Mary C. Maloney
Education & Volunteer Coordinator
Internationally Renowned Horticulturist to Visit Chadwick Arboretum

By Candace Pollock
(614) 292-3799
pollock.58@osu.edu
Source: Mary Maloney
(614) 688-3479
maloney.23@osu.edu

COLUMBUS, Ohio — Ohio State University’s Chadwick Arboretum and Learning Gardens is welcoming a new perennial garden this fall with the aid of an internationally renowned horticulturist.

Adrian Bloom, president of Blooms of Bressingham Nursery in Norfolk, England, famous for its unique perennial varieties, will be at Chadwick Arboretum on Sept. 7 to aid in installing a perennial garden that he designed specially for the arboretum. The activities will begin at 8:30 a.m. and will continue through the afternoon. The event is free and open to the public.

“The Bloom family is very well known and honored around the world,” said Mary Maloney, Chadwick Arboretum education and volunteer coordinator. “This event is very significant as it puts an international spotlight on our gardens.”

Bloom has appeared on BBC-TV’s “Gardeners’ World Program” and other gardening programs, including the PBS Victory Garden, to educate the public on the latest gardening tips and cultivars. He has authored and co-authored several books, including “Blooms of Bressingham Garden Plants” and Adrian Bloom’s Year-Round Garden Glory,” and is the holder of the Royal Horticultural Society’s Victoria Medal of Honour for service to horticulture.

The 4,500-square-foot mixed perennial and shrub garden will showcase more than 150 perennial cultivars, some of them award-winning Blooms of Bressingham varieties. The garden will be located in front of Howlett Hall on Ohio State’s College of Food, Agricultural, and Environmental Sciences campus.

“The new perennial garden is designed to be a point of pride for Ohio State Department of Horticulture and Crop Science alumni who return and view a garden right at the front door of the place where they studied,” said Maloney. “And for people who are garden lovers or just like the aesthetics of flowers, the garden will be a nice new addition to stroll past. It will be planned for year-round interest.”

The event kick starts preparations for the 25th anniversary of the Perennial Plant Association, which will be celebrated at the 2007 symposium in Columbus, Ohio. Additionally, the installation of the new garden coincides with the retirement of Steve Still, an Ohio State University Department of Horticulture and Crop Science professor and executive director of the Perennial Plant Association.
Perennial Garden — 2

A new rose garden is also being added to Chadwick Arboretum. The John Peter Minton Memorial Rose Garden is being developed in honor of the late world-renowned Ohio State University cancer researcher and physician and rose enthusiast John Peter Minton. The garden will also be housed in front of Howlett Hall.

The 60-acre Chadwick Arboretum is home to one of the most varied collections of flora in the state, made up of woody plants, tropical plants, wildflowers, native Ohio plants, perennials and more than 400 cultivars of newly planted annuals.

For more information on the perennial garden installation activity and more a specific itinerary, contact Mary Maloney at (614) 688-3479 or e-mail maloney.23@osu.edu.

-30-
A revival of labyrinths, which are circuits that are laid out for contemplative walking, began just a few years ago. The Ohio State University Chadwick Arboretum is part of that revival, and now has a very unique labyrinth in its Lane Avenue Gardens.

The labyrinth is modeled after the famous 11-circuit Chartres Cathedral Labyrinth in France that was built nearly 800 years ago. The labyrinth was made possible through a generous gift from Dr. Edwin B. and Nancy S. Hamilton in loving memory of their mothers, Lois B. Small and Gladys B. Hamilton.

The labyrinth symbolizes the cyclic journey that each of us must take daily and seasonally throughout our lives as we follow a path to unity and wholeness. While reaching the center of the labyrinth is a goal, every participant in this ancient ritual will approach the center and then be taken back to an outer circuit that is far removed from their destination. Eventually, however, the center is reached. The lesson of the labyrinth is simple: As long as you persist, you will reach your destination.

During a walk on the labyrinth, which typically takes about 20 minutes to complete, the mind quiets, the breath slows, and time stretches out.

The labyrinth can be used as a path for prayer and meditation. It can also be used as a tool of discernment by considering your experiences on the metaphorical level.

There are many ways of understanding a labyrinth because there are many avenues to truth—it can be thought of as a crucible of change, a body of prayer, or an ancient ritual used in different forms for about 4000 years.

**How to Walk the Labyrinth**

Pause at the entry way to allow yourself to be fully conscious of the act of stepping into the labyrinth. Allow several turns on the path to lapse in between you and person in front of you. Do what comes naturally—there is no right or wrong way to walk a labyrinth.

Follow your own pace. Feel free to pass a person who is walking slower. If you meet another person coming toward you on the path, step to the side and avoid eye contact if you want to keep in a meditative state.

When you reach the center you can pause to reflect before you begin your journey out. Walk the labyrinth with an open heart and mind. Each time you walk the labyrinth you become more empowered to find and do what your soul is seeking.

For more information about tours, educational programs, and volunteer opportunities, please contact the OSU Chadwick Arboretum Education Coordinator, 614-688-3479 or maloney.23@osu.edu
Chadwick Arboretum "Blooming" With New Garden

By Candace Pollock
(614) 292-3799
pollock.58@osu.edu
Source: Mary Maloney
(614) 688-3479
maloney.23@osu.edu

COLUMBUS, Ohio — Adrian Bloom, an internationally renowned horticulturist who has spent 30 years incorporating his blend of perennials, woody plants and grasses in gardens throughout England and North America, has left his mark on Ohio State University.

Bloom recently visited Ohio State's Chadwick Arboretum and Learning Gardens and assisted in installing a 4,500 square foot woody plants and perennial garden. He designed the garden specifically for the arboretum. The garden is located in front of Howlett Hall on the College of Food, Agricultural, and Environmental Sciences campus in Columbus, Ohio.

"The Bloom family is very well known and honored around the world," said Mary Maloney, Chadwick Arboretum education and volunteer coordinator. "This garden is very significant as it puts an international spotlight on our arboretum."

Bloom is president of Blooms of Bressingham Nursery in Norfolk, England. He has appeared on BBC-TV's "Gardeners' World Program" and other gardening programs, including the PBS Victory Garden, to educate the public on the latest gardening tips and cultivars. He has authored and co-authored several books, including "Blooms of Bressingham Garden Plants" and "Adrian Bloom's Year-Round Garden Glory," and is the holder of the Royal Horticultural Society's Victoria Medal of Honour of service to horticulture.

The Bloom garden, which features over 150 perennial cultivars, grasses and woody plant varieties joins Chadwick Arboretum's 60 acres of gardens that features some of the most varied collections of flora in the state, made up of woody plants, tropical plants, wildflowers, native Ohio plants, perennials and more than 400 cultivars of newly planted annuals.

Bloom, who places heavy emphasis on contrast — either in plant variety or color — and accent plants as focal points for year-round garden enjoyment, strived for a design of the Chadwick Arboretum Bloom garden that best suited its urban setting.

"The idea was to provide a different plant association from different angles, and to that end there's essentially four gardens represented on each corner," said Bloom. "And rather than design a grass pathway down the middle, we designed avenues of plants that allow your eyes to travel into the garden, rather than throughout it."

In whatever way the garden is interpreted, Bloom hopes that it will become a learning tool for its visitors.
“You learn every time you plant a garden. You learn the way plants behave, how they respond in their planting combinations, what will work and what won’t,” said Bloom. “Beyond that, perhaps the garden will make people think about plants themselves, to make them stop and look. We have to try to keep an interest in horticulture and gardening growing and if this garden, in some small way, achieves that then it will have served its purpose.”

For more information on Chadwick Arboretum and Learning Gardens, contact Mary Maloney at (614) 688-3479, or log on to http://chadwickarboretum.osu.edu.

Adrian Bloom (center) oversees the finishing touches of the new Bloom perennial garden he helped install at Ohio State University’s Chadwick Arboretum and Learning Gardens in Columbus, Ohio. Accompanying Bloom is Chadwick Arboretum horticulturist, Kathy Burkholder (left) and horticulture students Lindsay Biehl, Berteena Rollins and Virginia Oswald.
Chadwick Arboretum & Learning Gardens
Schedule of Upcoming Events

Garden Show - February 25 - March 5, 2006
*The Columbus Dispatch Home & Garden Show*
At the Ohio Expo Center (Ohio State Fairgrounds)
Visit our display booth and talk to Master Gardeners.
See: www.dispatchevents.com/home_garden.php

*Arbor Day Dedication* - April 28, 2006, 10:00am
Arbor Day event in the 1,000 Native Trees collection,
Located between I-315 and Fred Taylor Drive

*Spring Plant Sale, Auctions & Garden Fair!!*  
May 11 - 13, 2006  
May 11 - Pre-sale for Friends - 6-9pm  
   Memberships available at the door  
May 12 - 7am-7pm - Open to the General Public  
May 13 - 9am-5pm - Open to the General Public  
Located off Fred Taylor Drive at Lane Av.  
West of the Schottenstein Arena

*John Peter Minton Rose Garden Dedication*  
June 3, 2006, 9:30am, in front of Howlett Hall  
Learning Gardens at OSU, 2001 Fyffe Court.  
Pancake breakfast served.

*Open House - July 16, 2006, 2-5:00 pm*  
Join us for an Open House in front of Howlett Hall  
Learning Gardens at OSU, 2001 Fyffe Court.

*Winter Solstice Labyrinth Celebration*  
December 21, 2006 - 5:30pm - 7:00pm  
At the Labyrinth Garden (Lane Av. & Fyffe)  
Learn about the Labyrinth and its history. Walk  
the Labyrinth by candlelight. Light refreshment  
by a warm fire.

*Become a Member*  
Friends of Chadwick Arboretum benefits include:
Chadwick Arboretum & Learning Gardens
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Learn about the Labyrinth and its history. Walk
the Labyrinth by candlelight. Light refreshment
by a warm fire.

Become a Member
Friends of Chadwick Arboretum benefits include:
plant sale preview, reduced admission prices for special
events, reciprocal membership in The American
Horticultural Society with free admission & benefits
at botanical gardens, arboreta and conservatories.
See: www.ahs.org

Check our website at:
www.chadwickarboretum.osu.edu
Contact Mary Maloney at 688-3479
Join Us!
Classical and Modern Gardens of Northern England Tour
June 15 – July 1, 2006

Ohio State University Horticulture Professor Pablo Jourdan and Myerscough College (Lancashire, England) Landscape Designer and Instructor John Smyth

Return to college for a 14-day garden tour and lecture immersion in Northern England. This intergenerational educational opportunity is a unique collaboration with The Ohio State University Study Abroad Program for students.

We’ll be based in comfortable accommodations at Myerscough College near the city of Preston in Lancashire, and travel by minibus to many well-known English gardens. The tour will encapsulate the development of landscape design styles and themes over the centuries. We’ll see whimsical Victorian gardens as well as intimate minimalist modern gardens. Engaging activities and fascinating outings are planned for each day.

Examples of sites to be explored:
- Levens Hall Gardens
- Gresgarth Hall
- Brockhall Village
- RHS Gardens at Harlow Carr
- Fountains Abbey & Studley Royal
- Holehird
- Sizergh Castle Gardens
- Chatsworth
- Tatton Park
- Hidcote Manor
- Biddulph Grange

Tour includes 14 days accommodations, transportation by minibus to tour sites, entrance fees to all sites, full time tour guide, and a buffet dinner at John Smyth’s home.

Price per person is $2,500. Does not include airfare and airport taxes, excess baggage charges, travel insurance, or regular meals. Various options for meals are available. Participants should be able to walk briskly for 30 minutes without aid or requiring a rest, and be able to carry their own bags.

Space is limited. Contact Mary Maloney for more information: 614-688-3479 or maloney.23@osu.edu.

A $350 deposit payable to The Ohio State University is due January 13, 2006. Please send this deposit to Mary Maloney, OSU Chadwick Arboretum, 2001 Fyffe Court, Columbus, OH 43210-1096. This deposit is non-refundable, except in the unlikely event that the tour is cancelled; if this happens, all deposits will be refunded. Balance for the tour is due March 15, 2006, and can be sent to the same address listed above.

Airline travel is separate, however, Mary Maloney will coordinate group travel from Columbus (or other cities) to our gate city and then to England RT through Uniglobe Travel Designers if a minimum of 10 sign on for this. If you would like to be included in the group airline ticket, then let Mary know the city that you will depart from and she will advise you on the payment deadlines as soon as she gets the schedule.
Chadwick Arboretum & Learning Gardens

 Invite you to attend

A Celebration of Trees

Arbor Day

Friday, April 28, 10 am

A tree will be dedicated at our SR315 site to honor retiring OSU Plantsman Dave Maynard for 35 years of planting and nurturing trees throughout our campus.

We will salute our major donors who helped make our SR315 site a reality through their vision and generosity.

Featured speaker will be founding Arboretum member and Emeritus Assistant Vice President of Physical Facilities Dean Ramsey.

Celebrate the Arboretum’s 25th Anniversary!

Arboretum North site, west of Bill Davis Baseball Stadium on Fred Taylor Drive

Reception follows
The Volunteers of The Ohio State University

Chadwick Arboretum & Learning Gardens

invite you to their spring

PLANT SALE
Auction and Gardening Fair

Friday, May 12, 7 am–7 pm
Tree and shrub auction at noon Friday.

Saturday, May 13, 9 am–5 pm
Tree and shrub auction at noon Saturday.

Friends of Chadwick Arboretum members only
pre-sale reception and plant auction.
Thursday, May 11, 6–9 pm

Just east of 315 on the OSU campus—
Lane Avenue and Fred Taylor Drive

Visit our web site for a complete list of plants,
books, and auction items available —
http://chadwickarboretum.osu.edu

Cash, checks, Visa and Mastercard accepted.
Thanks for supporting the programs and operations of the
OSU Chadwick Arboretum & Learning Gardens.
The faculty, staff, students, and volunteers of the Ohio State University Chadwick Arboretum & Learning Gardens, and the family and friends of John Peter Minton invite you to attend the

John Peter Minton Memorial Rose Garden Dedication

Saturday, June 3, 2006
9:30 a.m.

OSU Chadwick Arboretum & Learning Gardens

Pancake breakfast beginning at 9:30 a.m. followed by dedication in garden adjacent to Howlett Hall, 2001 Fyffe Court Columbus, Ohio
July 7, 2006

Dear Friends of Chadwick Arboretum & Learning Gardens:

Our second annual Open House will be held Sunday, July 16, 2-5 p.m. in the gardens in front of Howlett Hall, 2001 Fyffe Court on the OSU campus. We’ll provide guided tours of our Learning Gardens, Annual Trials, and the Ornamental Plant Germplasm Center. We’ll also have ice cream floats, a diagnostic table, a garden store, music, kids crafts, artists in the garden, a hosta auction, information on becoming a volunteer, Master Gardeners, and much more! So bring your entire family. Free parking is available in the lots adjacent to Howlett and Kottman Halls.

In addition to our newest garden, the John Peter Minton Memorial Rose Garden, we also have a whimsical outdoor office in our bamboo collection, as well as a vegetable garden that was planted by our Adults with Developmental Disabilities volunteer group. A containerized display of common and unusual weeds is drawing a lot of attention—they are located near the turn around drive in front of Howlett Hall. This is a fun way to learn weed identification, but don’t touch the poison ivy!

We have several educational programs that we are offering this summer and early fall. Two “Through the Seasons with Annuals and Perennials” programs are scheduled on Saturday mornings. The first program is on July 22 with a July 14 registration deadline, and the second program is on September 30; you can register for either or both programs. For registration details visit http://franklin.osu.edu/hort/hort/htm

Our sixth annual Art in the Garden day camp collaborative with the Wexner Center for kids 6-7 years old will be held next week in the Lane Avenue Gardens.

And our second annual day-long lecture program with the Perennial Plant Association will be held all day on Monday, September 11, 2006 in Kottman Hall auditorium. Registration information will be available through the PPA web site in the near future. Speakers will include Tracy DiSabato-Aust, Denise Adams, Troy Marden from Nashville, Paul Tukey (People, Places and Plants magazine), and Adrian Bloom. This event is being coordinated by Emeritus professor Steve Still.

We’ll be hosting members of the Columbus Landscape Association for a dinner in the gardens in September; and the Northern Kiwanis will join us later this month for an evening program in the gardens. Our namesake, Professor Lewis Chadwick, was a founding member of the Northern Kiwanis and it is a great tribute to his legacy to continue this relationship with their members. Members of the Columbus Landscape Association were among our earliest supporters. They supplied plant materials and installed nearly all of our conifer collections in the Lane Avenue Gardens. They continue
to support us in many ways including an annual donation of mulch from the Home & Garden Show displays.

We have just returned from our two week tour of English gardens and are already talking about the next outing. I’ll be sure to keep you in the loop, and hope that you can join us on the next tour. This was the first time that we tried an intergenerational tour with students and adults, and it was a great experience for all of us. On our last day the students each gave a power point presentation on various elements of the gardens that we visited. Professor Pablo Jourdan from the OSU Department of Horticulture and John Smyth from Myerscough College in England provided a wonderful experience.

Well, our gardens and programs continue to evolve. I hope that you’ll take the time to visit our gardens or participate in our programs soon. Thanks for your continued support!

Best Regards,

Mary C. Maloney
Outreach & Development

P.S. Memorial and commemorative trees and benches are available through the Arboretum. This is a great way to remember a loved one or to honor a family member or colleague. It also enhances our teaching collections.

And, as our gardens grow, we are looking to provide more hands-on opportunities for horticulture students to become engaged in the design and maintenance of our gardens through internships and employment experiences. Endowments and contributions can help to ensure these opportunities. Call me for more information at 614-688-3479.
You and Your Family Are Invited!
Ohio State University Chadwick Arboretum & Learning Gardens

OPEN HOUSE
Sunday, July 16, 2-5 p.m.

Bring your entire family to an open house featuring the colorful perennial gardens and extensive annual trials (more than 300 cultivars) that are planted in the OSU Chadwick Arboretum & Learning Gardens.

- Hourly tours
- Ice cream
- Stroll through the collections
- Learn about new and favorite plants for your garden
- Meet members of the Department of Horticulture and Crop Science, Franklin County Master Gardeners, and Chadwick Volunteers.

The Ohio State University Learning Gardens
Howlett Hall, 2001 Fyffe Court
on The Ohio State University Campus
(Just east of 315 at Fyffe Court and Woody Hayes Drive)

Free parking available in adjacent lots.

Thanks for supporting the programs and operations of the OSU Chadwick Arboretum & Learning Gardens.

For more information and directions, visit our web site:
http://chadwickarboretum.osu.edu
Newly Named Chadwick Director Sees Arboretum as Campus Unifier

By Candace Pollock  
(614) 292-3799  
pollock.58@cfaes.osu.edu  
Source: Mary Maloney  
(614) 688-3479  
maloney.23@osu.edu  
Jenny Pope  
(614) 292-3848  
pope.71@osu.edu

COLUMBUS, Ohio -- Ohio State University, with more than 400 buildings stretching across 1,700 acres in the heart of metro Columbus, prides itself in its diversity of educational experiences, public service and economic opportunities. But, amid 50,000 students and about 30,000 faculty and staff, there is one thing that all corners of the campus share: the landscape.

The landscape, says Mary Maloney, is the campus unifier, and as the newly named director of OSU’s Chadwick Arboretum and Learning Gardens, Maloney desires to take the beauty of the arboretum campus wide. Chadwick Arboretum is located on the grounds of the College of Food, Agricultural, and Environmental Sciences.

“Of all the things we have on campus -- the medical complex, the football stadium -- Chadwick Arboretum has the greatest potential to be one of the more noticeable unifiers of the campus,” said Maloney. “The presentation of a university landscape has a big impact on student decisions to attend Ohio State, for example. Chadwick has an opportunity to play a key role in such things as student recruitment, as well as providing educational experiences and a place of respite.”

As director of Chadwick Arboretum, some of Maloney’s responsibilities include overseeing maintenance, planning and developing of the various gardens that comprise the arboretum; overseeing student, volunteer and master gardener involvement; preserving the arboretum for future generations; overseeing new projects; and planning arboretum events. Maloney was already performing such duties as a staff member before taking the helm as director on March 1.

Those associated with Chadwick Arboretum feel that the promotion was well-deserved.

“All of the staff and volunteers are delighted that Mary has been promoted to director of the arboretum. We all recognize that Mary has poured her heart and soul into the arboretum over the years. She is tireless in her promotion of Chadwick and her passion for our gardens is infectious,” said Jenny Pope, the Chadwick volunteer coordinator. “Mary is also a compassionate leader. She gives the staff the freedom to develop our own ideas and the means to implement them. Most of all, I think we appreciate the fact that Mary is a hands-on administrator and a horticulturist to the core. With Mary as our director, I am certain Chadwick will continue to flourish under her leadership and will be recognized as a ‘must see’ public garden.”

-more-
Chadwick Arboretum and Learning Gardens is home to one of the most varied collections of flora in Ohio, made up of woody plants, tropical plants, wildflowers, native plants, perennials, more than 300 cultivars of annuals and a collection of over 1,000 native trees. The 60-acre arboretum consists of three main areas: Learning Gardens, Lane Avenue Gardens and Arboretum North.

“Chadwick, designated as an arboretum in 1981, is a pretty young garden by some standards, but it offers a diverse range of horticulture collections,” said Maloney. “The arboretum also reflects and illustrates popular horticulture practices, gardening philosophies, and environmentally sound ideas that people young and old, rural and urban can learn from and implement in their own gardens.”

Chadwick Arboretum not only showcases plant varieties successful in Ohio, but it is also home to a number of year-round horticultural events open to the general public. Some events being planned this spring include:

• Arbor Day, April 25 at 10 a.m. at Arboretum North. The event celebrates Ohio’s native trees by dedicating a new tree each year to the arboretum collection. The event is free and open to the public. This year’s tree dedication will honor retirees OSU Extension horticulturist Jane Martin and OSU Extension assistant director Steve Baertsche. Arboretum North is located north of Lane Avenue and west of Fred Taylor Drive near the new Nationwide and Ohio Farm Bureau 4-H Center.

• Spring Plant Sale Auction and Gardening Fair, May 8-10. The event will take place one block east of State Route 315 on the southwest corner of Lane Avenue and Fyffe Road on the Ohio State University campus.

For more information regarding either event or to learn more about the Chadwick Arboretum and Learning Gardens log on to http://chadwickarboretum.osu.edu.

-30-
December 12, 2008

Dear Friends of Chadwick Arboretum & Learning Gardens,

Our annual Winter Solstice Labyrinth Walk in the Lane Avenue Gardens will be held on Thursday, December 18, 5:30-7 p.m. If you’ve never eaten a chestnut that has been roasted on an open fire, then you should stop by! We’ll also be serving fair trade hot chocolate, and we’ll light the labyrinth with candles. Be sure to bring the entire family to this festive holiday event. The labyrinth is located on the northeast corner of the Agricultural Administration Building, 2120 Fyffe Road, 43210. Free parking is available.

Following the Christmas holiday we’ll be gathering discarded trees to provide a protected habitat for birds through the winter months. We’ll also provide seeds, fruits, and suet for them, and then watch as they flock to our Buckeyes for Birds sanctuary in front of Howlett Hall.

We’ll be hosting two garden lectures in January, and I am including a flyer with information about both of them. I hope that you can attend.

The Friends of Chadwick Arboretum will host a Pancake Breakfast and Winter Walk on Saturday, February 28, 8:30-11:00 a.m. at the Ohio 4-H Center, 2201 Fred Taylor Drive. Our willow collection, lake, and Colour Columbus Native Tree Collection will be featured on the walk. We’ll also be serving honey from our first harvest from our new hives!

Most of our plant orders for our Spring Plant Sale, Auction, and Garden Fair have been placed, and we will gather the volunteers this winter to finalize the details of this event. Please plan to attend our Friends Pre Sale Reception, Thursday, May 7, 6-9 p.m.

Orientation for new volunteers will be held this winter. Please refer to our web site for information, or call Jenny Pope at 614-292-3848 for a volunteer information packet. As our gardens grow we need more help with our programs and operations. One of our most popular and productive volunteer sessions is held Tuesday evening. I hope you’ll join in!

Please continue to stop by the Arboretum from time to time this winter—even in dormancy there is a lot going on! Thanks for your continued support.

Happy Holidays,

Mary

Mary C. Maloney, Director

P.S. Now’s the time to make a tax deductible contribution to keep our gardens growing!
The Ohio State University
Chadwick Arboretum & Learning Gardens Presents
Friends of Chadwick Lecture Series

Dr. Francesco Ferrini

Exploring Italian Gardens:
Renewing the Tuscan Landscape

All garden enthusiasts and armchair travelers are invited to attend this engaging lecture about Tuscan gardens and landscape. Francesco Ferrini, our presenter, is the Chair of the Department of Horticulture at the University of Florence (Italy). He has published more than 140 scientific and technical papers, and has given over 80 presentations for various international audiences. His lecture will focus on the evolution of landscape design in Tuscany to accommodate modern real estate developments.

Inspire your imagination! Come join us for a virtual garden tour of Italy!

January 8, 2009
7 p.m.
doors open at 6:30 p.m.
light refreshments will be served

Admission
Students FREE
Chadwick Arboretum Members $12
General $15

Location
The Ohio State University
Kottman Hall 103
2021 Coffey Rd.
Columbus, OH 43210

Parking available in lots adjacent to Kottman Hall
Questions, Directions & RSVP-Erica Riel at riel.10@osu.edu
All proceeds support the operations of The Ohio State University Chadwick Arboretum & Learning Gardens
Exploring Constructed Landscapes: Mitigating Stress

Industry professionals, garden enthusiasts, and students of landscape design and maintenance will benefit from this presentation on cultural practices to mitigate stress in constructed landscapes. Our speaker, Francesco Ferrini, is the Chair of the Department of Horticulture at the University of Florence (Italy). He has published more than 140 scientific and technical papers, and has given over 80 presentations for various international audiences. His lecture will focus on the importance of understanding the urban environment and selecting appropriate tree and plant species to mitigate problems in the constructed landscape.

This informative lecture will provide distinct guidance on constructing urban landscapes with consideration for the environment.

January 15, 2009
7 p.m.
doors open at 6:30 p.m.
light refreshments will be served

Admission
Students FREE
Chadwick Arboretum Members $12
General $15

Location
The Ohio State University
Kottman Hall 103
2021 Coffey Rd.
Columbus, OH 4321

Parking available in lots adjacent to Kottman Hall
Questions, Directions & RSVP-Erica Riel at riel.10@osu.edu
All proceeds support the operations of the Chadwick Arboretum & Learning Gardens at The Ohio State University
An ever-changing showcase of perennials, annuals, wildflowers, roses, grasses, bulbs, bamboo, and tropical plants, this is a horticultural learning lab. **Experience the Learning Gardens.**

A phenology garden, a collection of hostas, an assortment of evergreens, deciduous trees and shrubs, and a Chartres-style labyrinth, this is a place to relax. **Experience the Lane Avenue Gardens.**

The nation's largest willow tree collection, along with over 1,000 native Ohio trees and shrubs, prairie plants, and a two-acre research lake, this is a place of serenity. **Experience Arboretum North.**

For more than two decades, the 60-acre gem has been a laboratory for learning, a retreat for community sharing, and a place for respite. **Experience Chadwick.**
The Arboretum is free and open to the public year-round. The Gardens thrive due to your generous time and support. Help support the respite, education, and beauty that are Chadwick:

**Visit.** For directions or to arrange a tour, visit our web site: [chadwickarboretum.osu.edu](http://chadwickarboretum.osu.edu)

**Become a Friend.** Benefit from reduced admission for special events, attend member-only events, and receive free or reduced admission to public gardens and arboreta across the nation.

**Volunteer.** Through an energetic and fun atmosphere, volunteers meet new people, gain gardening knowledge, and are directly involved in the Arboretum.

**Give.** Celebrate or remember an event or loved one by selecting from a variety of gifts that continually give.
Dear Friends of Chadwick Arboretum & Learning Gardens,

CLA Garden Tour
Our Learning Gardens will be one of 16 central Ohio gardens featured in the first annual Columbus Landscape Association Garden Tour next Saturday, August 28, 2010 from 9 a.m. - 6 p.m. Participating gardens will feature well-designed and constructed landscapes and hardscapes such as patios, fountains, walkways, reflecting ponds, and terraces. I am attaching a map with a description of each garden to our website. You will need a ticket to get into any or all of the tour gardens. Pre-sale tickets are $12 and are available online through the Columbus Landscape Association web site at http://columbuslandscape.org/garden_tour.shtml or at selected retail locations (Oakland, Lang Stone, MJ Design, Coffman Stone, and Mr. Mulch). Online purchases will only be available through Tuesday, August 24, 2010. Tickets will also be available at each of the participating gardens the day of the tour for $15 each. Each visitor to the gardens must have a ticket. This is a wonderful opportunity to visit some of central Ohio's most inspiring gardens!

September Workshops at Chadwick Arboretum
Two workshops will be held in September--Floral Design on September 12, 2-4 p.m.; and Flower Pounding on September 26, 2-4 p.m. Friends of Chadwick are eligible for reduced registration for these workshops. A full description and registration information is available at our web site http://chadwickarboretum.osu.edu/ These classes are filling up, so register today!
Garden Renovations
Our Lane Avenue Gardens have been a hub of activity this summer. The labyrinth garden has been fully renovated and is a welcoming place of respite. Next Wednesday, August 25, 7 p.m., Fr. Vinny McKiernan from the St. Thomas More Newman Center will be walking the circles of the labyrinth and getting to the center of it all. I hope that you'll join him.

Our students, staff, and volunteers have been working diligently to renovate the Forget-Me-Not Garden in our Lane Avenue Gardens. If all goes as planned, the garden will feature some of the columns from OSU's former school of architecture, Brown Hall. The Forget-Me-Not Garden is subsidized by donations given to celebrate accomplishments of friends and family; it is also a garden to remember loved ones who have died.

The Phenology Research Garden and the gardens in the Olentangy River Road corridor (between Lane Avenue and Woody Hayes Drive in the Lane Avenue Gardens) are looking the best ever. Having a photo with Annabelle, our 18' praying mantis with the Lane Avenue bridge in the background, is a popular activity--and you'll learn a bit about our phenology study too!

This fall we will install a grove of Ohio's native trees with edible fruits (pawpaw, persimmon, sassafras, hickory, walnut) in the grounds north of the Ohio 4-H Center. We will also be adding trees to the Donald Mayhew Memorial Grove in our Arboretum North site.

Horticulture Therapy
Our Volunteer and Outreach Coordinator, Jenny Pope, continues to provide engaging outreach to adults with developmental disabilities in our Horticulture Therapy Garden. In addition to coordinating the renovation and expansion of our Horticulture Therapy Garden, she is also collaborating with patients and physical therapists at OSU's Dodd Hall to integrate garden work into their rehabilitation goals. Jenny will be taking two students to a horticulture therapy conference at the Chicago Botanic Garden this fall. I am also proud to announce that Jenny completed her masters degree in Social Work this June. Congratulations and keep up the good work!

Thanks to our Volunteers
Our volunteers continue to be loyal stalwarts in all of our gardening and outreach efforts—even through the hot, hot days of this summer! We will celebrate their accomplishments on Friday, September 10th with a recognition event in our gardens. If you’d like to join our spirited corps of volunteers we’d love to have you! See our web site for volunteer opportunities.

Why Trees Matter
I have been working with a team of OSU and industry colleagues to complete a
process that will provide *Tree Campus USA* certification for our campus. One of the steps in the process includes taking an inventory of trees on campus and establishing their value—not only in monetary terms, but in storm water mitigation, carbon sequestration, and urban cooling effects. Additionally, we hope a full time "tree czar" for our campus is realized through this process. We further hope to celebrate all of these accomplishments on Arbor Day 2011! In the meantime, we have lots of work to do because the best time to plant trees was 20 years ago. The second best time is now!

**Your Continued Support**
We have so many good things going on in our gardens—renovating and expanding gardens, engaging students, and providing educational programs. We raise our own funds for our programs and operations, and your Friends membership is one way to support our fund raising efforts. However, if you can help with a more substantial (tax deductible) gift, please let me know. We are at a very critical point in the development of our gardens and your support would be greatly appreciated. Call me to discuss support opportunities: 614-688-3479. Thanks for your help!

Have a restful weekend under the shade of a cool and mature tree!

Mary Maloney, Director

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Spam
Not spam
Forget previous vote
To: Members of the Friends of...snip... chadwickfriends@ag.ohio-state.edu
From: Mary Maloney <maloney.23@osu.edu>
Subject: Chadwick Arboretum and underwriting the Spring Plant Sale....

Dear Friends of Chadwick Arboretum & Learning Gardens,

Our Spring Plant Sale, Auction, and Garden Fair will soon be here: May 5-7, 2011.

Last year the spring plant sale provided a net profit of $37,107 for Chadwick's garden operations and outreach programs for the year—my thanks to you! However, we also incurred nearly $10,000 in expenses to produce the sale (security fence, tents, toilets, electricity, food, generators, etc).

I am asking for you to consider underwriting our spring plant sale expenses by donating and/or by helping me find a potential corporate sponsor. I am attaching a Donor Form and a Sponsor Form for you to review. If you have any questions, please contact me.

I greatly appreciate your consideration of this opportunity to support our fund raising and gardening endeavors.

Best regards,

Mary C. Maloney
Director, OSU Chadwick Arboretum & Learning Gardens
232-B Howlett Hall
2001 Fyffe Court
Columbus, OH 43210-1096
614-688-3479
http://chadwickarboretum.osu.edu

Spam
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Forget previous vote

chadwicksupportletter2.pdf
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This message is sent to you because you are subscribed to the mailing list <chadwickfriends@ag.ohio-state.edu>.
To unsubscribe, E-mail to: <chadwickfriends-off@ag.ohio-state.edu>
To switch to the DIGEST mode, E-mail to <chadwickfriends-digest@ag.ohio-state.edu>
To switch to the INDEX mode, E-mail to <chadwickfriends-index@ag.ohio-state.edu>
Send administrative queries to <chadwickfriends-request@ag.ohio-state.edu>
Dear Friends of Chadwick Arboretum & Learning Gardens,

The storm that passed through Columbus early Monday morning caused significant damage to our evergreen and deciduous tree collections in the Lane Avenue Gardens. We believe that it was a micro burst of very high winds that swept through from the north west. Ahlum & Arbor Tree Preservation company provided support to remove the damaged trees and stake those that could be saved. I am grateful for their timely response. Thanks too to the staff and students who worked to clean up the damage this week. Today’s rain seems appropriately mournful.

The following trees were lost:

*Acer buergerianum* – Trident Maple, 12” dbh*

*Alnus glutinosa* ‘Pyramidalis’ – Upright Black Alnus, 9” dbh

*Picea omorika* – Serbian Spruce, 4.5” dbh

*Picea orientalis* – Oriental Spruce, 6” dbh

*Pinus nigra* – Austrian Pine, 13” dbh

*Tsuga canadensis* – Eastern Hemlock, 5” dbh

2: *Pinus bungeana* – Lacebark Pine (multi stemmed) 5” dbh

*Picea pungens* var. glauca ‘Mission Blue’ – Mission Blue Colorado Blue Spruce, 5” dbh

*Picea pungens* ‘Hoopsii’ – Hoops Colorado Blue Spruce, 10” dbh

*Picea pungens f. glauca* – Colorado Blue Spruce, 11.5” dbh

Printed for Bertha Ihnat <ihnait.1@osu.edu>
*Picea glauca*—White Spruce; 7.5" dbh

*dbh=diameter at breast height, which is an industry standard for measuring trees.*

We’ll be sourcing replacement trees in the near future.

Best regards,

Maory Maloney, Director
OSU Chadwick Arboretum & Learning Gardens
Dear Friends of Chadwick Arboretum & Learning Gardens,

Disney’s “Phineas and Ferb” debuted “Perry the Platy-bus On Tour” Monday in New York’s Times Square before beginning a cross-country tour as part of Disney channel’s summer of “Phinnes and Ferb”. The tour celebrates the animated series and kicks-off the countdown to the Disney Channel original movie “Phineas and Ferb: Across the 2nd Dimension”, premiering Friday, August 5th at 8 p.m. on Disney channel and Saturday, August 13 on Disney XD. What does this have to do with the OSU Chadwick Arboretum & Learning Gardens? Well, our 18’ tall sculpture of Annabelle the Praying Mantis has been chosen as one of the sites that Perry the Platy-bus will stop at. We are expecting the arrival to be tomorrow afternoon (Wednesday, July 13, 2011), although the final time will be posted on our web site as soon as we know. In the meantime you can view the following link for information about the bus tour: http://www.rmnkids.com/disney-perry-the-platy-bus-on-tour-in-times-square/. Annabelle is greatly anticipating the arrival of Perry in our Phenology Research Garden at the southeast corner of the Agriculture Engineering Building, 590 Woody Hayes Drive, 43210. I hope to see you there tomorrow!

I want to remind you that students from the OSU Student Farm will continue to stock the gazebo in our Learning Gardens in front of Howlett Hall (2001 Fyffe Court, 43210) with freshly picked vegetables and herbs every Tuesday this summer from 3:30-5:30 p.m.

Last night the Chadwick Arboretum & Learning Gardens hosted a garden reception for local, national, and international participants of the national floriculture conference that is currently underway at the Columbus Convention Center. Over 200 visitors toured our Learning Gardens and gave very close scrutiny to our Annual Cultivar Trials and to our Container Trials. I hope that you’ll take time in the next week or so to stop by and check out this colorful display of 727 varieties of annuals!

Thanks for your continued support, and I hope to see you in the gardens!

Best regards,

Mary C. Maloney
Director, OSU Chadwick Arboretum & Learning Gardens
232-B Howlett Hall
2001 Fyffe Court
Psst! OSU Student Organizations!
Win money for your group!
Show your talents, display your skills!
Become famous!
Enter this T-shirt design contest!

Are you creative?
Now’s your chance to design a T-shirt for an OSU campus event in October called ArboBlitz.

Check out the ArboBlitz T-shirt design contest entry details at our website at: http://arboblitz2011.weebly.com/
Entry deadline: Midnight, September 9, 2011.

You could win $500 for your OSU Student Organization!

What is ArboBlitz?
(Arbo=tree, Blitz=intensive effort)
ArboBlitz is a four-day event on the OSU campus that will showcase the importance of trees on our campus.
In addition to tree lectures, tree tours, a tree-ku poetry slam, a tree-shirt design competition, tree-food fests, tree climbing demonstrations, tree pest assessments, and tree care demonstrations, the event will also train students, faculty, and staff to inventory and map the trees on a portion of our campus.
The tree inventory and mapping activities will be held on Friday and Saturday, October 7-8, 2011.
Volunteers will be given free T-shirts with the winning ArboBlitz design.
Upcoming Events

Chadwick Arboretum & Learning Gardens

Spring Plant Sale & Auction
Friends of Chadwick Arboretum Preview Party
Thursday, May 7, 5:30-8:30 p.m.
Open to the public Friday, May 8, 8 a.m. – 7 p.m.
Saturday, May 10, 9 a.m. – 3 p.m.
Specimen plant auction at noon Friday and Saturday
Northwest corner of Lane Avenue and Fred Taylor Drive

Sixth Annual Horticultural Plastics Recycling Day
Saturday, June 6, 8 a.m. – 12 noon
Howlett Hall turnaround, 2001 Fyffe Court, 43210

Members of the OSU Tree Advisory Team
Co-Chairs Steve Volkmann and Christy Dudgeon,
Jim Chatfield, Davis Sydnor, Mary Maloney, Peter Curtis,
Sakthi Subburayalu, Dan Struve, Sharon Treaster,
Sherrill Massey, Rick Livingston, Chris Voise, Steve Schneider,
Steven Still, Scott Zanon, Lisa Bowers and Kathy Smith

OSU Chadwick Arboretum & Learning Gardens Staff
Mary Maloney, Mike Pfeiffer, Kathy Burkholder, Christina Voise,
Annie Fulton, Paige Thrush, Anthony Careily, Joe Becker,
Alison Scott, Annie Mayle, Abby Wolfe, Sarah Davis,
Jacob Risch, Cristen Flamm, Viraj Bhosale, Keegan Williams,
Kelin Wilkens, Tanner Cole, Lyndsey Davisson, Tammy Monnin

For more information about upcoming events visit our website at
chadwickarboretum.osu.edu

The Ohio State University
Chadwick Arboretum & Learning Gardens
Arboretum North, just north of the Ohio 4-H Center
2120 Fred Taylor Drive, 43210

Celebrating Trees and Those Who Plant and Nurture Trees

Also celebrating Tree Campus USA Certification,
Lorax Award recipients and welcoming keynote speaker
Rob Oller, Columbus Dispatch sports columnist

“We have made at least a start on discovering the meaning of human life when we plant shade trees under which we know full well we will never sit.”—Elton Trueblood
Carmen Ohio

We gather on this Arbor Day
To honor friends who come our way
Grateful to the Earth are we
For all the grandeur of the Tree
Seasons come and seasons go
The Arbor does not cease to grow
Mother Nature will bestow
Her blessings on dear O-hi-o.

Oh! Come let’s sing Ohio’s praise,
And songs to Alma Mater raise;
While our hearts rebounding thrill,
With joy which death alone can still.
Summer’s heat or Winter’s cold,
The seasons pass, the years will roll;
Time and change will surely show
How firm thy friendship O-hi-o.

Welcome and Opening Remarks
Mary Maloney, Director, Chadwick Arboretum

Arbor Day Poem Recitation
Christopher Appel

ISA Certification
Jack (Jonathon) Miller, FOD Arborist and Groundskeeper

Presentation of Tree Campus USA Certification
Steve Volkman, University Landscape Architect

Arb-Net Certification
Christina Voise, GIS & Accession Specialist

Collaborator Award
Lynn Ready, Associate Vice President, FOD
Jay Kasey, Senior Vice President, Administration and Planning

2015 Lorax Award Recipients
Melissa White, Begonia Park & Company
Mike Pfeiffer, Chadwick Arboretum
Mike & Linda Johnson, Scioto Gardens

Trees As Trophies
Rob Oller, Columbus Dispatch sports columnist

But For the Trees!
Jim Chatfield, OSU Extension Educator

Carmen Ohio
Arbor Day Chorus

Tree Dedication
in honor and remembrance of Linda Marshall
Chadwick volunteer and friend

Refreshments
~