
THE NEWPORT ARBORETUM
STATE OF THE FOREST
NEWPORT, RHODE ISLAND 2017

Residents, staff, friends and Newport Arboretum board members cleared beds at Blenheim-Newport Assisted Living to prepare for the installation of two dozen young seedlings at The Newport Arboretum's first Satellite Nursery. The young seedlings represent the introductions of a dozen new tree species that have likely never before been grown in Newport.



*dedicated to the multitude of
citizen foresters who care for
newport's legendary
urban forest*



Native seed collecting class at
Portsmouth's old growth Oakland
Forest, protected in perpetuity by
the Aquidneck Land Trust. With
RINHS botanist, Hope Leeson.

7,496 public and private trees representing 100 genera are currently documented in the newport arboretum living collections.

THE NEWPORT ARBORETUM 2016 LIVING COLLECTIONS **BY GENERA**

GENUS	TREE COUNT								
		Cladrastis	7	Heptacodium	2	Ostrya	8	Sciadopitys	14
Abies	9	Clethra	1	Hovenia	5	Oxydendrum	6	Sophora	2
Acer	1681	Cornus	214	Idesia	5	Parrotia	4	Sorbus	2
Aesculus	84	Corylus	1	Ilex	26	Paulownia	3	Stewartia	9
Ailanthus	6	Cotinus	1	Juglans	18	Phellodendron	1	Styphnolobium	55
Albizia	3	Crataegus	38	Juniperus	94	Picea	197	Styrax	4
Alnus	4	Cryptomeria	46	Koelreuteria	11	Pinus	54	Syringa	59
Amelanchier	13	Cunninghamia	1	Laburnum	4	Pistachia	5	Taxodium	6
Araucaria	1	Cupressocyparis	24	Lagerstroemia	10	Platanus	413	Taxus	30
Betula	69	Cupressus	2	Larix	13	Populus	35	Tetradium	5
Calocedrus	5	Davidia	1	Leitneria	1	Prunus	566	Thuja	244
Caragana	1	Diospyros	5	Ligustrum	5	Pseudotsuga	3	Thujiopsis	1
Carpinus	66	Euonymus	1	Liquidambar	70	Ptelea	7	Tilia	496
Carya	3	Fagus	337	Liriodendron	49	Pterocarya	1	Tsuga	5
Catalpa	59	Fraxinus	192	Maackia	5	Pteroceltis	2	Ulmus	293
Cedrus	32	Franklinia	1	Magnolia	68	Pyrus	298	Viburnum	1
Celtis	19	Ginkgo	60	Malus	135	Quercus	601	Zelkova	157
Cercidiphyllum	15	Gleditsia	136	Mespilus	1	Rhus	2		
Cercis	7	Gymnocladus	9	Metasequoia	24	Robinia	13		
Chamaecyparis	90	Halesia	10	Morus	21	Salix	38		
Chinoanthus	3	Hamamelis	11	Nyssa	21	Sassafras	1		

James Cole of Burdick Avenue (second from left), flanked by Newport Division of Forestry staff (Mike O'Brien, Jenna Keilch and Charlie Ridolph), stands proudly by his *Magnolia x acuminata* 'Elizabeth,' the newest member of The Newport Arboretum's Magnolia Special Collection. 'Elizabeth' is a pyramidal magnolia with fragrant yellow flowers that over time will reach an impressive 20'-35' tall. A cross between the Cucumber Tree and Yulan Magnolia, 'Elizabeth' was created by the Brooklyn Botanic Garden in 1977.



a year in brief

JANUARY 20, 2017. As we rapidly close in on our goal of 500 botanical species and varieties documented in the Living Collections, **The Newport Arboretum is poised to reach Level III professional accreditation status before the end of 2017**, joining 36 other institutions worldwide that have earned top accreditation levels (III & IV) with the Morton Register of Arboreta.

Newporters have stepped forward to work hand-in-hand with The Newport Arboretum, the City of Newport's Division of Forestry, and dozens of community partners to create a complete canopy over the streets of our city through a new citizen-centered model for urban forestry and conservation.

Your citywide arboretum is steadily becoming a center for plant conserva-

tion, display, and education, with a special focus on *heritage horticulture*: the celebration and renewal of Newport's long history of exploratory arboriculture and its remaining core of historic landscapes and plant collections.

From handwritten records of colonial-era hothouses that held specimens from across the globe, to the many Gilded Age landscapes still in cultivation today, Newport is a living museum of American horticulture and landscape architecture. In 2016, we continued to honor this history by becoming **the first city in the world to host four professionally accredited arboreta**: The Newport Arboretum, Newport Mansions Arboretum, Arboretum at Salve Regina, and Frederick Law Olmsted Park & Arboretum.

2016 also witnessed the launch of **The Magnolia Collection** in Newport's north end. This vast and ancient genus is an apropos focus for The Newport Arboretum's first Neighborhood Special Collection and will result in a collection that is both strikingly beautiful and of great horticultural interest. One of the first flowering plants on earth, the genus (native across the Americas and Asia) includes over 200 species each with hundreds of distinct cultivars.

Our first Satellite Nursery at Blenheim-Newport features two dozen introductions to the Living Collections. In a few years, these fascinating new specimen trees will migrate from their neighborhood nursery to new homes across the city of Newport.

We have also begun working under the direction of the Rhode Island Natural History Survey to collect and propagate wild seed from native trees as well



Several hundred people gathered to say farewell to the Newport Art Museum's beloved European Beech during the **First Light Funeral**: the first night of the Lighting of the Beeches. Many thanks to National Grid (major sponsor), Catalyzing Newport, the Newport Art Museum, the many partnering organizations who participated in the New Orleans' style jazz funeral, and the 70+ Newporters who lit their beech trees in an homage to our aging forest.

Photo courtesy of the Newport Daily News



as at-risk heritage trees such as the Redwood Library's beloved Fernleaf Beech. Propagation from seed will allow us to **contribute to the genetic stock of our native tree population as well as help preserve the germplasm of special heritage trees for future generations** as our Living Collections become a reservoir of genetic diversity.

We note with great sadness the loss this past year of many historic European Beech trees across the city, most notably several ancient trees that graced the landscapes of three registered landmarks—The Redwood Library, Edward King House, and Griswold House. On April 14, 2016, several hundred people gathered at Griswold House to bid farewell to the Newport Art Museum's beloved Fernleaf European Beech.

The bittersweet 'First Light Funeral' marked the first night of **The Lighting of the Beeches, a campaign to raise**

awareness about the perils facing our aging Gilded Age forest. That evening and for two weeks following, over 70 European Beeches were lit by property owners across the city, an homage to our aging urban forest.

In honor of **Newport's 25th Anniversary as a Tree City USA**, the City of Newport, Daffodillion Project, and Newport Tree Society, in cooperation with the Rhode Island Turnpike and Bridge Authority, **planted 25 trees to beautify the western entrance to Newport** during Newport Arboretum Week 2016. This new boulevard of trees lining Newport's busiest gateway welcomes millions of annual visitors and Newport residents as they enter the city, and emphasizes the great importance of tree planting in our accredited Class II citywide arboretum.

The Children's Arboretum at the Pell School grew by leaps and bounds

in 2016, now boasting over 80 species and cultivars. Graduate students from the Roger Williams University Department of Architecture, Art & Historic Preservation have designed a special outdoor classroom at the Pell School, including features built by carpentry students at Rogers High School (groundbreaking to begin in the spring of 2017). In addition, students from the RWU School of Education developed the first curricula for the Children's Arboretum, helping the campus become a true extension of the classroom.

2016 was a banner year for your citywide arboretum. Together with our friends and supporters, citizen foresters, and community partners we look forward to a fruitful 2017. ■

Newport's arboreta and Rhodytrees.org were featured at the 2016 Arbor Day celebration at the State House in Providence. With the Rhode Island Department of Environmental Management, Rhode Island Tree Council, National Grid, The Newport Arboretum, and the Arboretum at Salve Regina University.



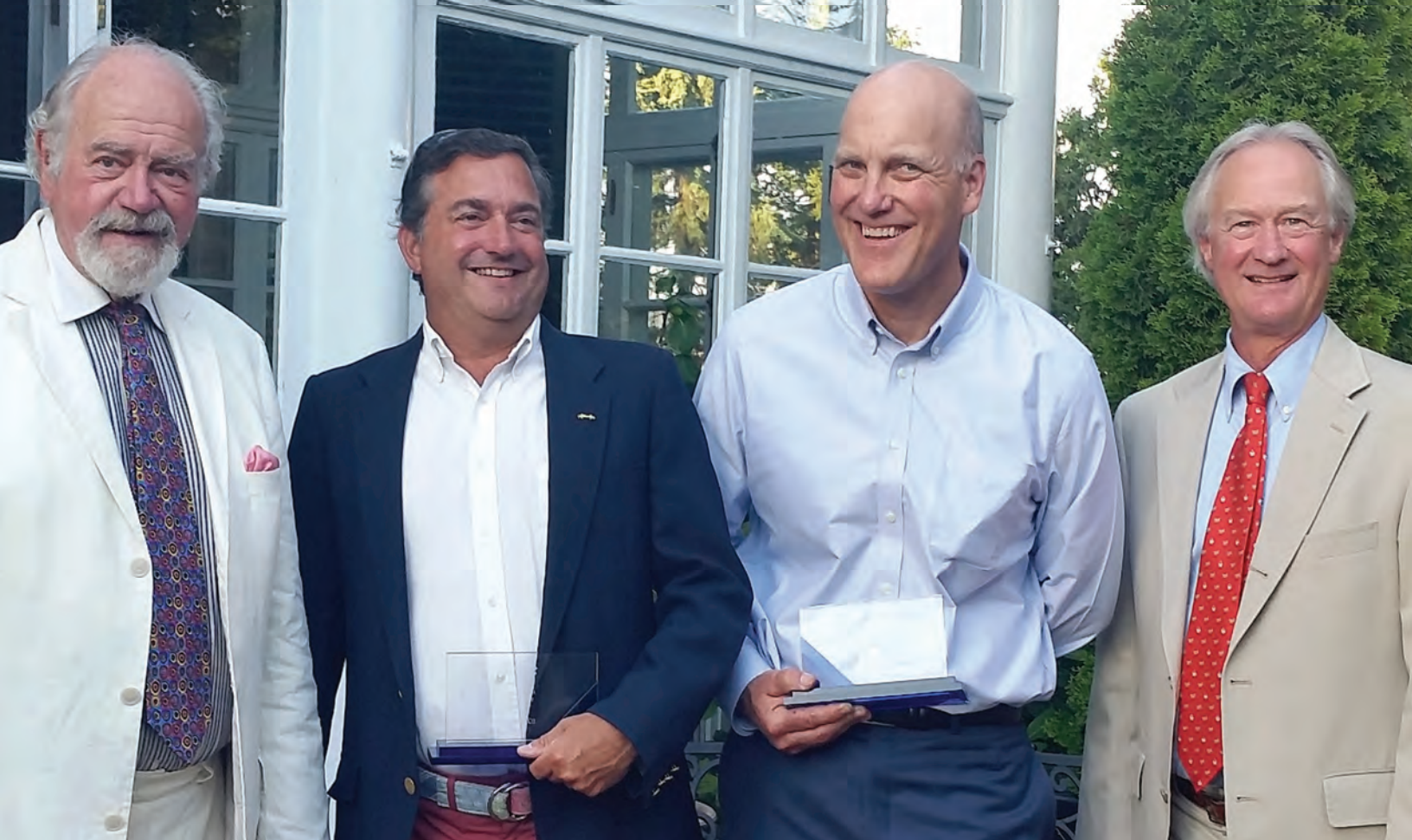
NEWPORT ARBORETUM 2016 PLANTING LIST

In 2016, **359 trees representing 116 different species and varieties were planted** by the City of Newport's Division of Forestry, The Newport Arboretum, community partners, and dozens of citizen foresters. Of these, **85 species or varieties were new introductions** to The Newport Arboretum Living Collections.

◆ DENOTES A SPECIES OR CULTIVAR THAT IS NEW TO THE NEWPORT ARBORETUM LIVING COLLECTIONS.
Each new introduction brings us closer to reaching our goal of 500 species/cultivars in the Living Collections and attaining Level III professional accreditation.

NEWPORT ARBORETUM SPECIMEN TREE RESTORATION PROGRAM SPRING TREE GIVEAWAY

COMMON	LATIN	# OF TREES			
◆ Korean Maple	<i>Acer pseudosieboldianum</i>	6	Rivers Purple Beech	<i>Fagus sylvatica</i> 'Riversii'	6
Silver Maple	<i>Acer saccharinum</i>	6	◆ Arnold's Promise Witch Hazel	<i>Hamamelis x intermedia</i> 'Arnold's Promise'	6
Sugar Maple	<i>Acer saccharum</i>	7	◆ Royal Raindrops Crabapple	<i>Malus</i> 'JFS-KW5'	6
◆ Eddie's White Wonder Dogwood	<i>Cornus</i> 'Eddie's White Wonder'	7	◆ Pink Flair Flowering Cherry	<i>Prunus sargentii</i> 'JFS-KW58'	6
Stellar Pink Dogwood	<i>Cornus x</i> 'Rutgan'	7	◆ Shingle Oak	<i>Quercus imbricaria</i>	3
◆ Red Obelisk Beech	<i>Fagus sylvatica</i> 'Red Obelisk'	6	◆ Twisty Baby Locust	<i>Robinia pseudoacacia</i> 'Lace Lady'	3



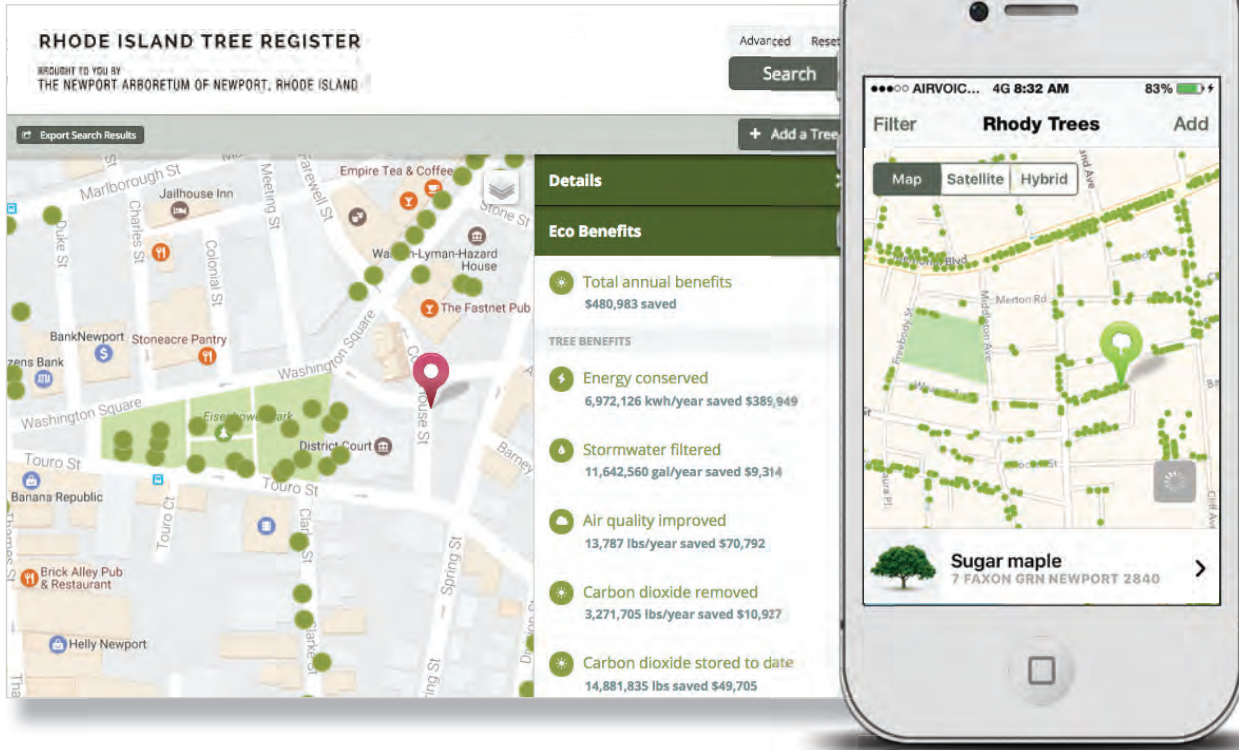
Ronald Lee Fleming, Eric Offenberg, Scott Wheeler and former RI Governor Lincoln Chafee. Wheeler and Offenberg receive Scenic America's *Taking the Long View* award for beautifying Newport's western gateway.

CITY OF NEWPORT DIVISION OF FORESTRY - STREET, PARK & NEIGHBORHOOD TREES

◆ Sensation Box Elder	<i>Acer negundo</i> 'Sensation'	3	Tulip Tree	<i>Lirodendron tulipifera</i>	4
◆ Bowhall Red Maple	<i>Acer rubrum</i> 'Bowhall'	2	Tupelo	<i>Nyssa sylvatica</i>	3
◆ Crimson Sunset Maple	<i>Acer truncatum x platanooides</i> 'JFS-KW202'	4	◆ His Majesty Cork Tree	<i>Phellodendron amurense</i> 'His Majesty'	3
◆ Pacific Sunset Maple	<i>Acer truncatum x platanooides</i> 'Warrenred'	4	◆ Bloodgood London Planetree	<i>Platanus x acerifolia</i> 'Bloodgood'	2
Autumn Blaze Maple	<i>Acer x freemanii</i> 'Jeffersred'	4	Yoshino Flowering Cherry	<i>Prunus x yedoensis</i>	6
◆ Frans Fontaine Hornbeam	<i>Carpinus betulus</i> 'Frans Fontaine'	1	◆ Chanticleer Pear	<i>Pyrus calleryana</i> 'Glen's Form'	4
Copper Beech	<i>Fagus sylvatica</i> 'Cuprea'	1	◆ Forest Green Oak	<i>Quercus frainetto</i> 'Schmidt'	4
◆ Red Obelisk Beech	<i>Fagus sylvatica</i> 'Red Obelisk'	1	Red Oak	<i>Quercus rubra</i>	2
◆ Princeton Sentry Maidenhair	<i>Ginkgo biloba</i> 'Princeton Sentry'	1	◆ Ivory Silk Japanese Tree Lilac	<i>Syringa reticulata</i> 'Ivory Silk'	3
◆ Street Keeper Honeylocust	<i>Gleditsia triacanthos</i> 'Draves'	4	◆ Redmond Linden	<i>Tilia americana</i> 'Redmond'	4
◆ Espresso Kentucky Coffee Tree	<i>Gymnocladus dioicus</i> 'Espresso'	3	Princeton Elm	<i>Ulmus americana</i> 'Princeton'	1
◆ American Witch-hazel	<i>Hamamelis virginiana</i>	1	◆ Valley Forge Elm	<i>Ulmus americana</i> 'Valley Forge'	3
◆ Ozark Witch-hazel	<i>Hamamelis vernalis</i>	1	◆ Emerald Sunshine Elm	<i>Ulmus propinqua</i> 'JFS-Bierich'	3

NEWPORT ARBORETUM NURSERY

◆ Maupin Glow Incense Cedar	<i>Calocedrus decurrens</i> 'Maupin Glow'	5	◆ Summerburst Goldenrain Tree	<i>Koelreuteria paniculata</i> 'JFS-Sunleaf'	5
◆ Oakleaf Hornbeam	<i>Carpinus betulus</i> 'Heterophylla'	5	◆ Dunkeld Larch	<i>Larix eurolepis x marschlinii</i>	3
◆ Southern Catalpa	<i>Catalpa bignonioides</i>	3	◆ Variegated Sweet Gum	<i>Liquidambar styraciflua</i> 'Silver King'	3
◆ American Persimmon	<i>Diospyros virginiana</i>	3	◆ Golden Tulip Tree	<i>Liriodendron tulipifera</i> 'Glen's Gold'	3
◆ Japanese Raisin Tree	<i>Hovenia dulcia</i>	3	◆ Amur Maackia	<i>Maackia amurensis</i>	3
◆ Ligiri Tree	<i>Idesia polycarpa</i>	5	◆ Chinese Pistache	<i>Pistacia chinensis</i>	3



Download the free [OpenTreeMap app](#) for smartphone to explore Newport's urban forest. In 2016, **47 volunteers worked on the Newport Arboretum tree map.** Visit [RhodyTrees.org](#) to learn more.

◆ Hop Tree / Wafer Ash	<i>Ptelea trifoliata</i>	3
◆ Diamond-Leaf Oak	<i>Quercus obtusa</i>	3
◆ Shumard Oak	<i>Quercus shumardii</i>	3

◆ Amur Linden	<i>Tilia amurensis</i>	3
◆ Bigleaf Linden	<i>Tilia dasystyla subs. caucasica</i>	2

MAGNOLIA SPECIAL COLLECTION

◆ Butterflies Magnolia	<i>Magnolia acuminata</i> 'Butterflies'	1
◆ Elizabeth Magnolia	<i>Magnolia x acuminata</i> 'Elizabeth'	1
◆ Yulan Magnolia	<i>Magnolia denudata</i>	1
◆ Bracken's Brown Bty Magnolia	<i>M. grandiflora</i> 'Bracken's Brown Beauty'	1
◆ Centennial Star Magnolia	<i>Magnolia kobus var stellata</i> 'Centennial'	1
◆ Waterlily Star Magnolia	<i>Magnolia kobus var stellata</i> 'Waterlily'	1
◆ Ann Magnolia	<i>Magnolia liliiflora</i> 'Ann'	1

◆ Jane Magnolia	<i>M. liliiflora</i> 'Reflorescens' x <i>stellata</i> 'Waterlily'	1
Merrill Magnolia	<i>Magnolia x loebneri</i> 'Merrill'	2
Leonard Messel Magnolia	<i>Magnolia x loebneri</i> 'Leonard Messel'	1
◆ Star M. 'Centennial Blush'	<i>Magnolia stellata</i> 'Centennial Blush'	1
◆ Star M. 'Royal Star'	<i>Magnolia stellata</i> 'Royal Star'	1
Sweetbay Magnolia	<i>Magnolia virginiana</i>	1

THE CHILDREN'S ARBORETUM AT THE PELL SCHOOL

Nordman Fir	<i>Abies nordmanniana</i>	1
◆ Striped Maple	<i>Acer pensylvanicum</i>	1
Bowhall Red Maple	<i>Acer rubrum</i> 'Bowhall'	1
◆ Legacy Sugar Maple	<i>Acer saccharum</i> 'Legacy'	1
Dwarf Golden Hinoki Cypress	<i>Chamaecyparis obtusa</i> 'Aurea Nana'	1
◆ Wells Special Hinoki Cypress	<i>Chamaecyparis obtusa</i> 'Wells Special'	1
◆ Yoshino Japanese Cedar	<i>Cryptomeria japonica</i> 'Yoshino'	1
Leyland Cypress	<i>Cupressus x leylandii</i>	1

European Beech	<i>Fagus sylvatica</i>	1
Fernleaf European Beech	<i>Fagus sylvatica</i> 'Asplenifolia'	1
◆ Black Swan European Beech	<i>Fagus sylvatica</i> 'Black Swan'	1
Fastigate European Beech	<i>Fagus sylvatica</i> 'Fastigiata'	1
◆ Purple Fountain European Bch	<i>Fagus sylvatica</i> 'Purple Fountain'	1
◆ Dwarf Purple European Beech	<i>Fagus sylvatica</i> 'Purpurea Nana'	1
Rivers Purple Beech	<i>Fagus sylvatica</i> 'Riversii'	1
◆ Roundleaf European Beech	<i>Fagus sylvatica</i> 'Rotundifolia'	1

◆ Tricolor European Beech	<i>Fagus sylvatica</i> 'Tricolor'	1	Japanese White Pine	<i>Pinus parviflora</i> 'Glauca'	1
Kentucky Coffee Tree	<i>Gymnocladus dioicius</i>	1	◆ Thunderhead Jap. Black Pine	<i>Pinus thunbergii</i> 'Thunderhead'	1
◆ Juniper Keteleeri	<i>Juniperus chinensis</i> 'Keteleeri'	1	◆ Exclamation London Planetree	<i>Platanus x acerifolia</i> 'Exclamation'	1
◆ Juniper Robusta	<i>Juniperus chinensis</i> 'Robusta Green'	1	◆ Columnar Sargent Cherry	<i>Prunus sargentii</i> 'Columnaris'	1
◆ Happidaze Sweetgum	<i>Liquidambar styraciflua</i> 'Hapdell'	1	◆ Pacific Brilliance Pin Oak	<i>Quercus palustris</i> 'Pacific Brilliance'	1
◆ Golden Raindrops Crabapple	<i>Malus</i> 'Golden Raindrops'	1	English Oak 'Fastigiata'	<i>Quercus robur</i> 'Fastigiata'	1
◆ Red Jade Weeping Crabapple	<i>Malus x scheideckeri</i> 'Red Jade'	1	◆ Kindred Spirit Oak / Ware's Oak	<i>Quercus x warei</i> 'Nadler'	1
Dawn Redwood	<i>Metasequoia glyptostroboides</i>	1	Japanese Umbrella Pine	<i>Sciadopitys verticillata</i>	1
◆ Gowdy Oriental Spruce	<i>Picea orientalis</i> 'Gowdy'	1	◆ Thuja Green Giant	<i>Thuja Standishii x plicata</i> 'Green Giant'	1
◆ Blue Spruce 'Bakeri'	<i>Picea pungens</i> 'Bakerii'	1	◆ Glenleven Littleleaf Linden	<i>Tilia cordata</i> 'Glenleven'	1
◆ Swiss Stone Pine	<i>Pinus cembra</i>	1	◆ Summer Sprite Linden	<i>Tilia cordata</i> 'Summer Sprite'	1
◆ Bosnian Pine	<i>Pinus heldreichii</i>	1	◆ Jefferson Elm	<i>Ulmus americana</i> 'Jefferson'	1

SATELLITE NURSERY: BLENHEIM-NEWPORT

◆ Southern Catalpa	<i>Catalpa bignonioides</i>	2	◆ Chinese Pistache	<i>Pistacia chinensis</i>	2
◆ American Persimmon	<i>Diospyros virginiana</i>	2	◆ Hop Tree / Wafer Ash	<i>Ptelea trifoliata</i>	2
◆ Japanese Raisin Tree	<i>Hovenia dulcis</i>	2	◆ Winged Hackberry	<i>Pteroceltis tatarinowii</i>	2
◆ Dunkeld Larch	<i>Larix eurolepis x marschlinii</i>	2	◆ Diamond-Leaf Oak	<i>Quercus obtusa</i>	2
◆ Variegated Sweet Gum	<i>Liquidambar styraciflua</i> 'Silver King'	2	◆ Shumard Oak	<i>Quercus shumardii</i>	2
◆ Japanese Larch	<i>Larix kaempferi</i> 'Diana'	2	◆ Longwood Sunset Mtn Ash	<i>Sorbus rufoferruginea</i>	2
◆ Amur Maackia	<i>Maackia amurensis</i>	2			

THE WESTERN GATEWAY COLLECTION

Princeton Elm	<i>Ulmus americana</i> 'Princeton'	9
Sugar Maple	<i>Acer saccharum</i>	5
◆ Redmond Linden	<i>Tilia Americana</i> 'Redmond'	6
Scarlet Oak	<i>Quercus coccinea</i>	6

ROSE ISLAND COLLECTION

Flowering Dogwood	<i>Cornus florida</i>	1
Red Cedar	<i>Juniperus virginiana</i>	17
Sweetbay Magnolia	<i>Magnolia virginiana</i>	1
Tupelo	<i>Nyssa sylvatica</i>	11
◆ Bakeri Blue Spruce	<i>Picea pungens</i> 'Bakeri'	1
◆ Thunderhead Jap. Black Pine	<i>Pinus thunbergii</i> 'Thunderhead'	1
Swamp White Oak	<i>Quercus bicolor</i>	1
Pin oak	<i>Quercus palustris</i>	1
◆ Japanese Stewartia	<i>Stewartia pseudocamellia</i>	1
American Elm	<i>Ulmus americana</i>	1



A new member of the Magnolia Special Collection in Newport's north end.



Pam Gilpin (professional gardener), Noah Croy (herbalist and landscaper), and Jacob Mather (landscape designer) prep wild-collected seed for propagation under the direction of Rhode Island Natural History Survey botanist Hope Leeson at Salve Regina University.

the urban forest: a new center for horticulture & conservation

We often espouse the mantra that an urban forest is manmade, and as such, must be consistently maintained and replanted. Leave nature to its own devices and an ideal urban tree canopy won't simply emerge on its own. It requires hard work.

This caution is meant to cultivate an attitude of stewardship, and reminds us of the vigilance we must bring to bear as stewards of an urban forest. It emphasizes the fragility of nature in an urban environment and the labor required for flora to flourish in it. But this mantra ignores a glaring fact that makes the inherent nature of an urban forest not only a serious responsibility—but also an *incredible opportunity*.

Just like the trees at a traditional arboretum or botanical garden, most of the plants that make up an urban forest are, to a greater or lesser extent, already under the direct care of humans. Even those trees that lack a dedicated caretaker (and admittedly there are many) are situated amongst the crowd. What opportunity does this present? Placing humans and plants side-by-side means each of our trees has the potential to be planted with a unique purpose beyond shade or beauty, and each can be cared for and studied in depth. This is what makes our professional arboretum possible: we are crowdsourcing tree planting, tree care, and increasingly, tree science.

Trees are an anchor in our botanical systems, and the perfect subjects for the introduction of horticulture as a practical science. Their size and lifespan make them ideal to study and experiment with over the course of years or decades. Combine this with access to the invaluable resource of human labor, and we have the perfect environment for the practice of botany and conservation. In an urban forest, citizens of all ages can dabble with or dive into scientific endeavors right outside their doors, each making a real contribution, great or small, to the future of life on earth.

We envision that one day, all of the trees and plants that give us so much joy are planted not only for their beauty, or even for their ability to clean our air and water—we *hope that each will be thoughtfully planted for an even greater purpose*. Our city and private property owners plant hundreds of trees each



Chris Papp (Rose Island property manager), Jeffrey Ross (project manager—Newport Tree Society), and Rob Currier (NTS director) help plant a new tree collection on Rose Island against a south facing wall. The stand of trees will provide added privacy and protection for migratory birds nesting nearby.

year. Why not plant endangered native trees? Or trees that have been carefully cultivated from seed by local students, contributing to the genetic diversity of our tree population? Or trees that are perhaps not native, but are endangered in other parts of the world and can be grown here *ex situ* to protect the future of that species?

When we stroll through a botanical garden to enjoy the aesthetic experience, even the least scientifically-minded of us appreciate the fact that we are enjoying a landscape that is not only meant to give us pleasure, but to contribute to a scientific body of knowledge and the greater well-being of our planet. This is the future we envision for our urban forests—for our parks and open spaces and even our own backyards. **We hope you will join the ranks of Newporters who are *planting with a purpose*.** ■



Trees bound for Rose Island arrive at the Newport Shipyard.

Collected tree seeds, including seeds from heritage European Beeches at the Redwood Library & Athenaeum (in glasses).

Photo courtesy of Jacob Mather.



452 species, subspecies, varieties and cultivars are currently documented in the newport arboretum living collections

THE NEWPORT ARBORETUM 2016 LIVING COLLECTIONS **BY SPECIES & VARIETY**

Abies balsamea	Acer nigrum	Acer rubrum 'Franksred'	Acer truncatum x platanoides 'Warrenred'
Abies concolor	Acer palmatum	Acer rubrum 'JFS-KW78' ARMSTRONG	Acer x freemanii
Abies fraseri	Acer palmatum 'Coral Bark'	GOLD	Acer x freemanii 'Celzam'
Abies grandis	Acer palmatum 'Dissectum'	Acer rubrum 'Sun Valley'	Acer x freemanii 'Jeffersred'
Abies nordmanniana	Acer palmatum 'Sango-kaku'	Acer saccharinum	Aesculus hippocastanum
Acer campestre	Acer palmatum 'Shishigashira'	Acer saccharum	Aesculus x carnea
Acer campestre 'Evelyn'	Acer palmatum dissectum 'Viridis'	Acer saccharum 'Green Mountain'	Aesculus x carnea 'Briotii'
Acer campestre 'Queen Elizabeth'	Acer palmatum var. dissectum 'Dissectum	Acer saccharum 'Hiawatha 1'	Ailanthus altissima
Acer ginnala	Atropurpureum'	Acer saccharum 'Commemoration'	Albizia julibrissin
Acer ginnala 'Ruby Slippers'	Acer pensylvanicum	Acer saccharum 'Legacy'	Alnus glutinosa
Acer grandidentatum 'Big Tooth'	Acer platanoides	Acer tataricum ginnala	Amelanchier arborea
Acer grandidentatum 'Hipazam'	Acer platanoides 'Crimson King'	Acer triflorum	Amelanchier canadensis
Acer griseum	Acer pseudoplatanus	Acer truncatum	Araucaria araucana
Acer japonica "Red Select"	Acer pseudosieboldianum	Acer truncatum x platanoides	Betula alleghaniensis
Acer japonicum	Acer rubrum	Acer truncatum x platanoides 'JFS-	Betula lenta
Acer miyabei 'Rugged Ridge'	Acer rubrum 'Armstrong'	KW202' CRIMSON SUNSET	Betula nigra
Acer negundo	Acer rubrum 'Bowhall'	Acer truncatum x platanoides 'Norwegian	Betula nigra 'Heritage'
Acer negundo 'Sensation'	Acer rubrum 'Frank Jr.'	Sunset'	Betula papyrifera

Entomologist Gretchen Pettiss shows us how to welcome pollinators with a Bee Hotel during a Newport Arboretum field trip to Bartlett Tree Research Laboratories. The educational visit was host by Bartlett Trees manager, Christopher Fletcher.



Betula pendula	Cedrus libani	Chionanthus virginicus	Cornus x 'Rutban' Stellar Pink
Betula pendula 'Gracilis'	Celtis occidentalis	Chionanthus virginicus 'White'	Cornus x 'Rutgan' AURORA
Betula platyphylla japonica 'Whitespire'	Celtis occidentalis 'JFS-KSU1' PRAIRIE SENTINEL	Cladrastis kentukea	Corylus avellana 'Contortar'
Betula populifolia	Cercidiphyllum japonicum	Clerodendrum trichotomum var. fargesii	Corylus columna
Betula utilis	Cercidiphyllum japonicum 'Pendulum'	Clethra barbinervis	Cotinus coggygria
Betula utilis 'Jacquemontii'	Cercis canadensis	Cornus alternifolia	Cotinus coggygria 'Royal Purple'
Calocedrus decurrens	Cercis canadensis	Cornus controversa	Crataegus viridis
Calocedrus decurrens 'Maupin Glow'	Cercis canadensis 'Alba'	Cornus controversa 'June Snow'	Crataegus viridis 'Winter King'
Carpinus betulus	Cercis canadensis 'Forest Pansy'	Cornus florida	Cryptomeria japonica
Carpinus betulus 'Columnarus'	Cercis canadensis 'Rising Sun'	Cornus florida 'White Cloud'	Cryptomeria japonica 'Black Dragon'
Carpinus betulus 'Frans Fontaine'	Cercis canadensis 'Ruby Falls'	Cornus florida x kousa	Cryptomeria japonica 'Yoshino'
Carpinus betulus 'Heterophylla'	Chamaecyparis nootkatensis	Cornus kousa	Cupressus arizonica
Carpinus caroliniana	Chamaecyparis nootkatensis 'Aurea'	Cornus kousa 'National'	x Cupressocyparis leylandii
Carpinus caroliniana 'American'	Chamaecyparis obtusa	Cornus kousa 'Samzam'	Davidia involucreta
Carpinus caroliniana 'Fastigiata'	Chamaecyparis obtusa 'Filicoides'	Cornus kousa 'Schmred'	Davidia involucreta 'Lady Sunshine'
Carya glabra	Chamaecyparis obtusa 'Nana Gracilis'	Cornus kousa 'Summer Fun'	Diospyros virginiana
Carya ovata	Chamaecyparis obtusa 'Nana'	Cornus kousa var. chinensis	Elaeagnus angustifolia
Catalpa bignonioides	Chamaecyparis obtusa 'Wells Special'	Cornus kousa x florida 'Rutgan'	Enkianthus campanulatus
Catalpa bungei	Chamaecyparis obtusa crippsi 'Hinoki'	Cornus kousa x nuttallii	Fagus grandifolia
Catalpa speciosa	Chamaecyparis pisifera	Cornus kousa x nuttallii 'KN 30-8' VENUS	Fagus sylvatica
Cedrus atlantica	Chamaecyparis pisifera 'Filifera Aurea'	Cornus kousa x nuttallii 'KN4-43' STARLIGHT	Fagus sylvatica 'Albovariegata'
Cedrus atlantica 'Glauca Pendula'	Chamaecyparis pisifera 'Filifera'	Cornus mas	Fagus sylvatica 'Asplenifolia'
Cedrus atlantica 'Glauca'	Chamaecyparis pisifera 'Boulevard'	Cornus mas x florida 'Eddie's White Wonder'	Fagus sylvatica 'Atropunicea'
Cedrus deodara	Chamaecyparis thuyoides	Cornus nutallii x florida 'Eddie's White Wonder'	Fagus sylvatica 'Black Swan'
Cedrus deodara 'Electra'	Chamaecyparis thuyoides 'Glauca Pendula'	Cornus pumila	Fagus sylvatica 'Cuprea'
Cedrus deodara 'Snow Sprite'	Chionanthus retusus		Fagus sylvatica 'Dawyc Purple'



Tree planting at the western gateway to Newport during Newport Arboretum Week 2016.

<i>Fagus sylvatica</i> 'Dawyck'	<i>Gleditsia tricanthos</i> 'Draves'	<i>Lagerstroemia fauriei</i> 'Sarah's Favorite'	'Beauty'
<i>Fagus sylvatica</i> 'Fastigiata'	<i>Gymnocladus dioicus</i>	<i>Lagerstroemia indica</i>	<i>Magnolia grandiflora</i> 'Edith Bogue'
<i>Fagus sylvatica</i> 'Pendula'	<i>Gymnocladus dioicus</i> 'Espresso'	<i>Larix decidua</i>	<i>Magnolia liliflora</i> x <i>sprengeri</i>
<i>Fagus sylvatica</i> 'Purple Fountain'	<i>Halesia carolina</i>	<i>Larix kaempferi</i> 'Diana'	<i>Magnolia liliflora</i> x <i>sprengeri</i> 'Galaxy'
<i>Fagus sylvatica</i> 'Purpurea Nana'	<i>Halesia tetraptera</i>	<i>Larix</i> x <i>marschlinii</i>	<i>Magnolia stellata</i>
<i>Fagus sylvatica</i> 'Purpurea Pendula'	<i>Hamamelis vernalis</i>	<i>Leitneria floridana</i>	<i>Magnolia stellata</i> 'Centennial Blush'
<i>Fagus sylvatica</i> 'Red Obelisk'	<i>Hamamelis virginiana</i>	<i>Liquidambar styraciflua</i>	<i>Magnolia stellata</i> 'Royal Star'
<i>Fagus sylvatica</i> 'Riversii'	<i>Hamamelis</i> x <i>intermedia</i> 'Arnold Promise'	<i>Liquidambar styraciflua</i> 'Hapdell'	<i>Magnolia stellata</i> x <i>liliflora</i>
<i>Fagus sylvatica</i> 'Rohanii'	<i>Hamamelis</i> x <i>intermedia</i> 'Diane'	<i>Liquidambar styraciflua</i> 'Rotundiloba'	<i>Magnolia stellata</i> x <i>liliflora</i> 'Susan'
<i>Fagus sylvatica</i> 'Rotundifolia'	<i>Heptacodium miconioides</i>	<i>Liquidambar styraciflua</i> 'Silver King'	<i>Magnolia virginiana</i>
<i>Fagus sylvatica</i> 'Tricolor'	<i>Hovenia dulcis</i>	<i>Liquidambar styraciflua</i> 'Slender 'Silhouette'	<i>Magnolia</i> x <i>brooklynensis</i>
<i>Fraxinus americana</i>	<i>Idesia polycarpa</i>	<i>Liquidambar styraciflua</i> 'Variegata'	<i>Magnolia</i> x <i>loebneri</i> 'Ballerina'
<i>Fraxinus excelsior</i>	<i>Ilex aquifolium</i>	<i>Liquidambar styraciflua</i> 'Worplesdon'	<i>Magnolia</i> x <i>loebneri</i> 'Leonard Messel'
<i>Fraxinus nigra</i>	<i>Ilex crenata</i>	<i>Liriodendron tulipifera</i>	<i>Magnolia</i> x <i>loebneri</i> 'Merrill'
<i>Fraxinus pennsylvanica</i>	<i>Ilex opaca</i>	<i>Liriodendron tulipifera</i> 'Glen Gold'	<i>Magnolia</i> x <i>soulangiana</i>
<i>Fraxinus pennsylvanica</i> 'Cimmzam'	<i>Ilex vomitoria</i>	<i>Maackia amurensis</i>	<i>Malus</i> 'JFS-KW5' ROYAL RAINDROPS
<i>Fraxinus pennsylvanica</i> 'Marshalls Seedless'	<i>Juglans cinerea</i>	<i>Maackia amurensis</i> 'Amur'	<i>Malus</i> x <i>scheideckeri</i> 'Red Jade'
<i>Fraxinus pennsylvanica</i> 'Patmore'	<i>Juglans nigra</i>	<i>Magnolia</i> 'Golden Endeavor"	<i>Malus floribunda</i>
<i>Fraxinus pennsylvanica</i> 'Summit'	<i>Juglans regia</i>	<i>Magnolia acuminata</i>	<i>Malus sargentii</i> 'Sargent'
<i>Gingko biloba</i> 'Princeton Sentry'	<i>Juniperus chinensis</i> 'Keteleeri'	<i>Magnolia acuminata</i> 'Butterflies'	<i>Malus sylvestris</i>
<i>Ginkgo biloba</i>	<i>Juniperus chinensis</i> 'Mountbatten'	<i>Magnolia acuminata</i> x <i>brooklynensis</i>	<i>Malus transitoria</i> 'Schmidtcutleaf'
<i>Ginkgo biloba</i> 'The President'	<i>Juniperus chinensis</i> 'Robusta Green'	'Yellow Bird'	GOLDEN RAINDROPS
<i>Gleditsia gigantus</i> 'Green Spire'	<i>Juniperus virginiana</i>	<i>Magnolia denudata</i>	<i>Metasequoia glyptostroboides</i>
<i>Gleditsia triacanthos</i>	<i>Koelreuteria paniculata</i>	<i>Magnolia grandiflora</i>	<i>Metasequoia glyptostroboides</i> 'Ogon'
<i>Gleditsia triacanthos</i> var. <i>inermis</i>	<i>Koelreuteria paniculata</i> 'Summerburst'	<i>Magnolia grandiflora</i> 'Bracken's Brown	GOLD RUSH
	<i>Laburnum anagyroides</i>		

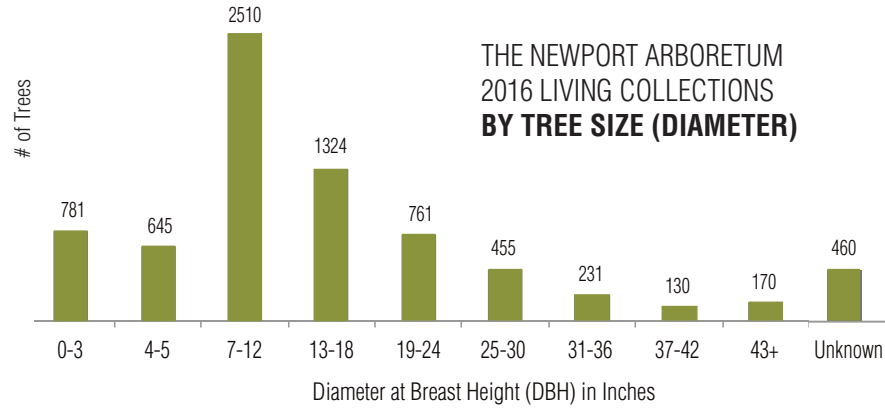
Morus alba	Pinus flexilis 'Extra Blue'	Prunus cerasifera "Thundercloud"	Quercus alba
Nyssa sylvatica	Pinus heldreichii	Prunus pendula	Quercus bicolor
Nyssa sylvatica 'JFS-PN Legacy1' GUM DROP	Pinus nigra	Prunus persica	Quercus bicolor 'JFS-KW12' AMERICAN DREAM
Nyssa sylvatica 'Wildfire'	Pinus parviflora	Prunus sargentii	Quercus cerris
Ostrya carpinifolia	Pinus parviflora 'Glauc'	Prunus sargentii 'Columnaris'	Quercus coccinea
Ostrya virginiana	Pinus parviflora 'Templehoff'	Prunus sargentii 'JFS-KW58' PINK FLAIR	Quercus dentata 'Pinnatifida'
Oxydendrum arboreum	Pinus peuce	Prunus serotina	Quercus ellipsoidalis
Parrotia persica	Pinus rigida	Prunus serrulata	Quercus frainetto 'Schmidt' FOREST GREEN
Parrotia persica 'Kew's Weeping'	Pinus strobiformis	Prunus serrulata 'Kwanzan'	Quercus imbricaria
Parrotia persica 'Vanessa'	Pinus strobus	Prunus serrulata 'Mount Fuji'	Quercus laevis
Phellodendron amurense	Pinus strobus 'Nana'	Prunus serrulata 'Snow Goose'	Quercus laurifolia
Phellodendron amurense 'His Majesty'	Pinus sylvestris	Prunus subhirtella	Quercus marilandica
Phellodendron amurense 'Macho'	Pinus thunbergii	Prunus subhirtella 'Autumnalis'	Quercus mongolica
Picea abies	Pinus thunbergii 'Thunderhead'	Prunus virginiana	Quercus obtusa
Picea glauca	Pistacia chinensis	Prunus x 'Snow Goose'	Quercus pagoda
Picea glauca 'Conica'	Platanus occidentalis	Prunus x yedoensis	Quercus palustris
Picea jezoensis	Platanus x acerifolia	Pseudotsuga menziesii	Quercus palustris 'Fastigiata'
Picea orientalis	Platanus x acerifolia 'Bloodgood'	Ptelea trifoliata	Quercus palustris 'Green Pillar'
Picea orientalis 'Gowdy'	Platanus x acerifolia 'Exclamation'	Pterocarya fraxinifolia	Quercus palustris 'Pringreen'
Picea pungens	Poncirus trifoliata	Pteroceltis tatarinowii	Quercus phellos
Picea pungens 'Bakeri'	Populus alba	Pyrus calleryana	Quercus robur
Picea pungens 'Glauc'	Populus deltoides	Pyrus calleryana 'Chanticleer'	Quercus robur 'Fastigiata'
Pinus bungeana	Populus tremuloides	Pyrus calleryana 'Glen's Form'	Quercus robur x alba
Pinus cembra	Prunus blireiana	Pyrus communis	Quercus robur x alba 'Crimschmidt'
Pinus echinata	Prunus cerasifera	Quercus acutissima	
	Prunus cerasifera "Newportii"		

CRIMSON SPIRE
Quercus robur x *alba* 'JFS-KW1QX'
 STREETSPIRE
Quercus rubra
Quercus shumardii
Quercus velutina
Quercus x warei 'Nadler'
Rhus typhina
Robinia pseudoacacia
Robinia pseudoacacia 'Lace Lady' TWISTY
 BABY
Salix alba
Salix babylonica
Salix discolor
Salix matsudana 'Tortuosa'
Salix nigra
Sassafras albidum
Sciadopitys verticillata
Sophora japonica 'Halka'
Sorbus americana
Stewartia pseudocamellia
Styphnolobium japonicum
Styrax japonica 'Snow Charm'
Styrax japonicus
Styrax japonicus 'JFS-D' SNOWCONE
Styrax obassia

Syringa meyeri
Syringa reticulata
Syringa reticulata 'Ivory Silk'
Syringa vulgaris
Syringa vulgaris 'Donald Wyman'
Syringa x hyacinthiflora 'Pocahontas'
Taxodium ascendens
Taxodium distichum
Taxus baccata
Taxus baccata 'Fastigiata'
Thuja occidentalis
Thuja plicata
Thuja standishii x *plicata* 'Green Giant'
Thujaopsis dolabrata
Tilia americana
Tilia americana 'Redmond'
Tilia amurensis
Tilia caucasica
Tilia cordata
Tilia cordata 'Glenleven'
Tilia cordata 'Greenspire'
Tilia cordata 'Summer Sprite'
Tilia euchlora
Tilia platyphyllos
Tilia tomentosa
Tilia tomentosa 'Green Mountain'

Tilia tomentosa 'Sterling'
Tilia x euchlora
Tsuga canadensis
Tsuga canadensis 'Gentsch White'
Ulmus ('Urban' x *wilsoniana* 'Prospector')
 'Patriot'
Ulmus americana
Ulmus americana 'Jefferson'
Ulmus americana 'Princeton'
Ulmus americana 'Valley Forge'
Ulmus americana 'Washington'
Ulmus davidiana var. *japonica*
Ulmus davidiana var. *japonica* 'Morton'
 Accolade
Ulmus davidiana var. *japonica* 'Prospector'
Ulmus glabra
Ulmus glabra 'Camperdownii'
Ulmus minor
Ulmus minor 'Atinia'
Ulmus minor x *parvifolia* 'Frontier'
Ulmus parvifolia
Ulmus parvifolia 'Emer II'
Ulmus procera
Ulmus propinqua 'JFS-Bieberich' EMER-
 ALD SUNSHINE
Ulmus pumila

Ulmus rubra
Zelkova serrata
Zelkova serrata 'Village Green'



Pell School STEM specialist, Lori Delemos, with Chandler Hodder (Director of Roger Williams University's American Institute of Architecture 'Freedom by Design' chapter), on the site of the soon-to-be-built outdoor classroom at the Children's Arboretum at the Pell School.

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Salve Regina University | Arboretum at
Salve Regina | SRU Jazz Band
University of Rhode Island
van Beuren Charitable Foundation

Left: Lilly Dick and Harry Eudenbach carry a gift to the Arnold Arboretum: cuttings from Newport trees that originally came from the Arnold over a century ago.





Plant for the future

THE NEWPORT ARBORETUM • PO BOX 863 • NEWPORT, RI 02840 • (401) 324-9204