

GREEN-WOOD



Joseph Charap
Director of Horticulture
October 16, 2018



THE GREEN-WOOD CEMETERY

HAS BEEN DESIGNATED A

NATIONAL HISTORIC LANDMARK

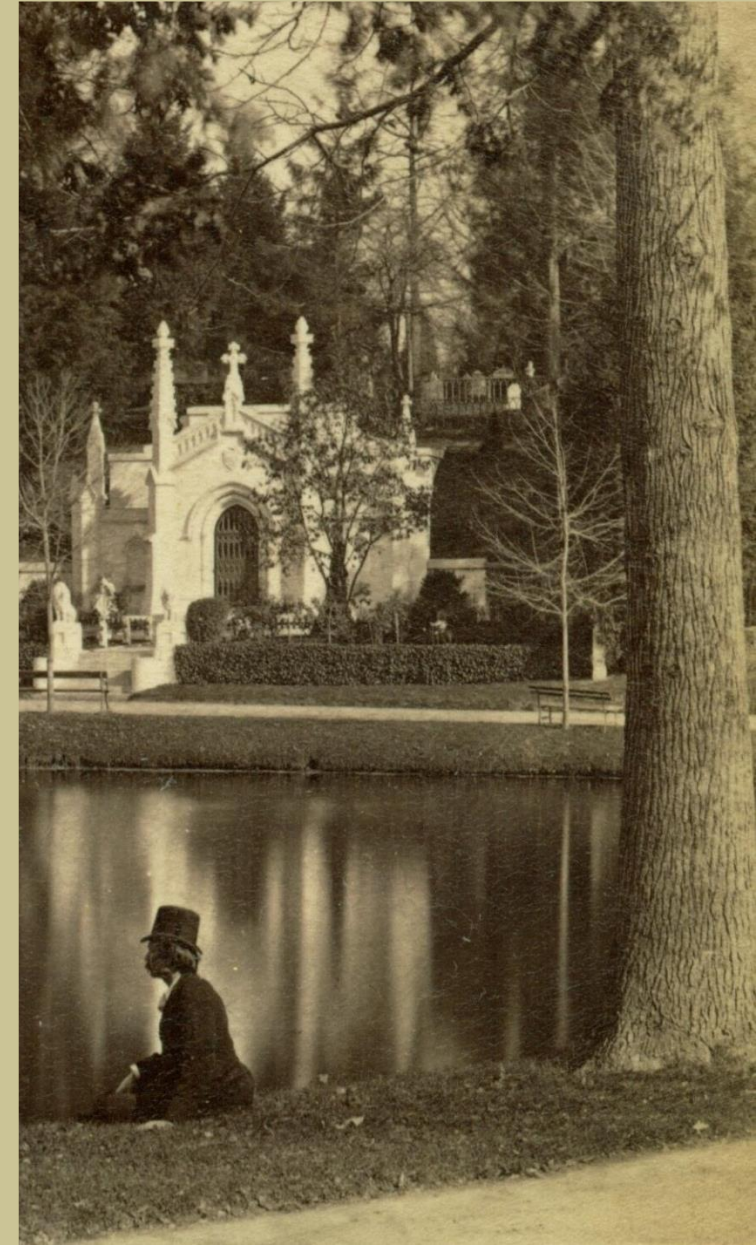
THIS SITE POSSESSES NATIONAL SIGNIFICANCE
IN COMMEMORATING THE HISTORY OF THE
UNITED STATES OF AMERICA

ESTABLISHED IN 1838, THIS WAS THE LARGEST AND MOST VARIED
OF THE EARLY AMERICAN RURAL CEMETERIES, CAREFULLY SITED
WITH DRAMATIC VIEWS OF THE CITY AND HARBOR BEYOND.

2006

NATIONAL PARK SERVICE
UNITED STATES DEPARTMENT OF THE INTERIOR

GREEN-WOOD'S GENESIS DURING THE RURAL CEMETERY MOVEMENT







IN LOVING REMEMBRANCE OF OUR DEAR FATHER

BERNARD BRUNO MYERS
DEC. 10, 1910 — FEB. 1, 1997

A FATHER TO THE FATHERLESS. HIS LIFE WAS A BLESSING TO US

ABIGAIL UNDERDONK MYERS
FEB. 7, 1910 — FEB. 26, 1997

OUR MOTHER, SHE SCATTERED LOVE AS STARS DO LIGHT

AND WITH THE MORN'G STAR'S ANGEL FACES SMILE,
WHICH WE HAVE LOVED LONG SINCE AND LONG WHILE

MYERS





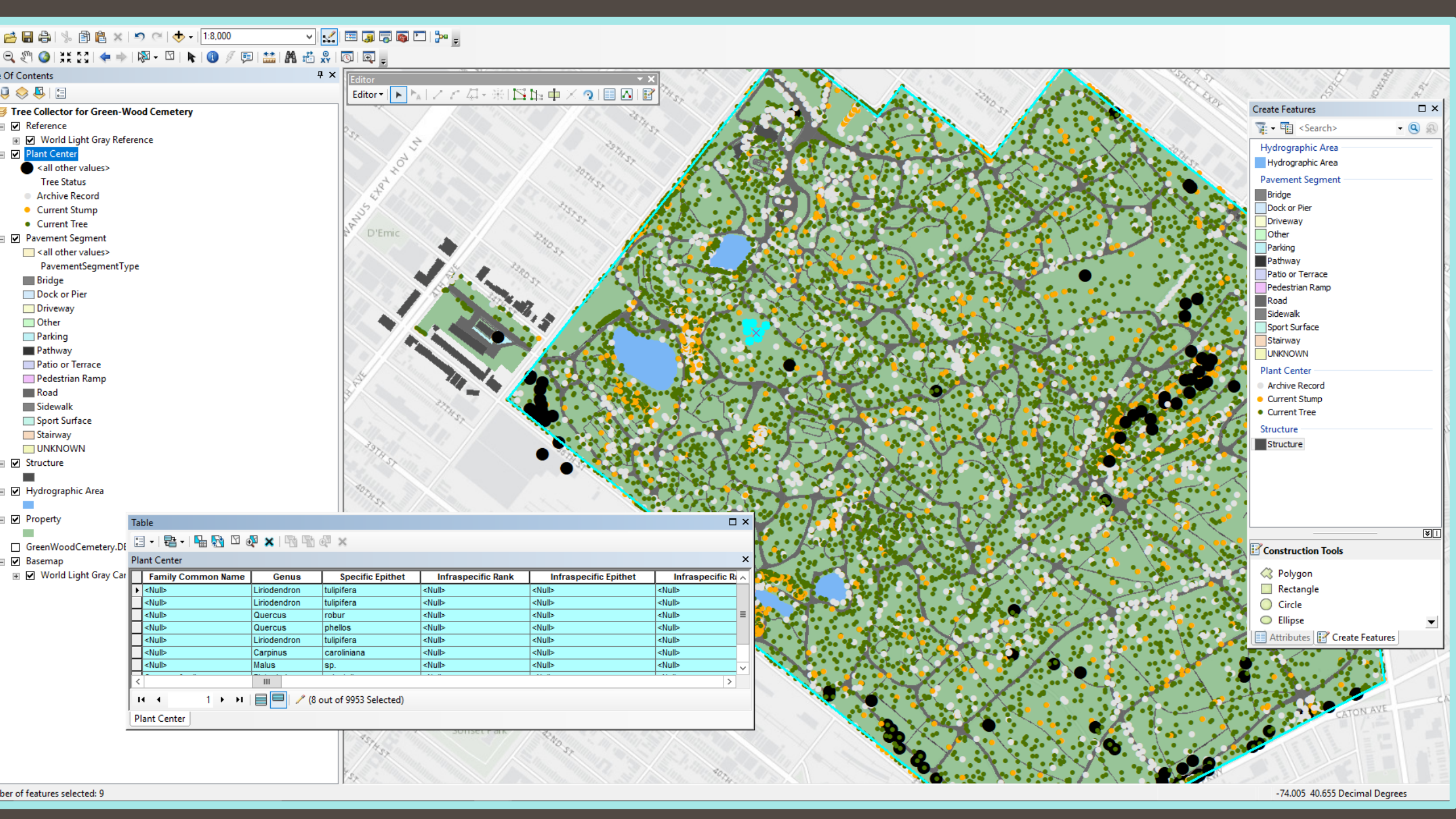
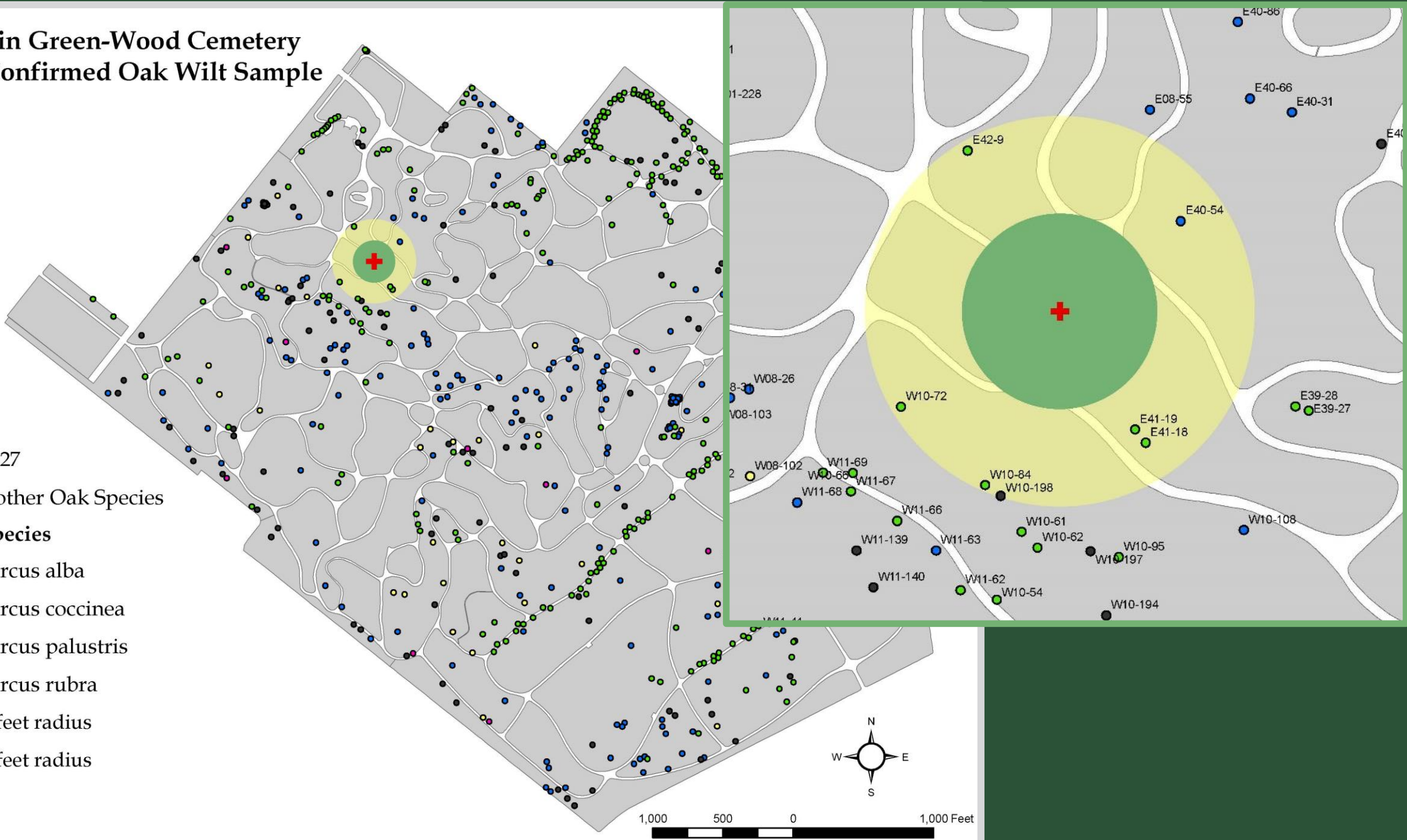


Table					
Plant Center					
	Family Common Name	Genus	Specific Epithet	Intraspecific Rank	Intraspecific Epithet
>	<Null>	Liriodendron	tulipifera	<Null>	<Null>
	<Null>	Liriodendron	tulipifera	<Null>	<Null>
	<Null>	Quercus	robur	<Null>	<Null>
	<Null>	Quercus	phellos	<Null>	<Null>
	<Null>	Liriodendron	tulipifera	<Null>	<Null>
	<Null>	Carpinus	caroliniana	<Null>	<Null>
	<Null>	Malus	sp.	<Null>	<Null>

Oak Trees in Green-Wood Cemetery
Showing Confirmed Oak Wilt Sample
2017

Legend

- + E42-27
- All other Oak Species
- Specific Species**
 - Quercus alba
 - Quercus coccinea
 - Quercus palustris
 - Quercus rubra
- 150 feet radius
- 300 feet radius



Perimeter Project Proposal 2017

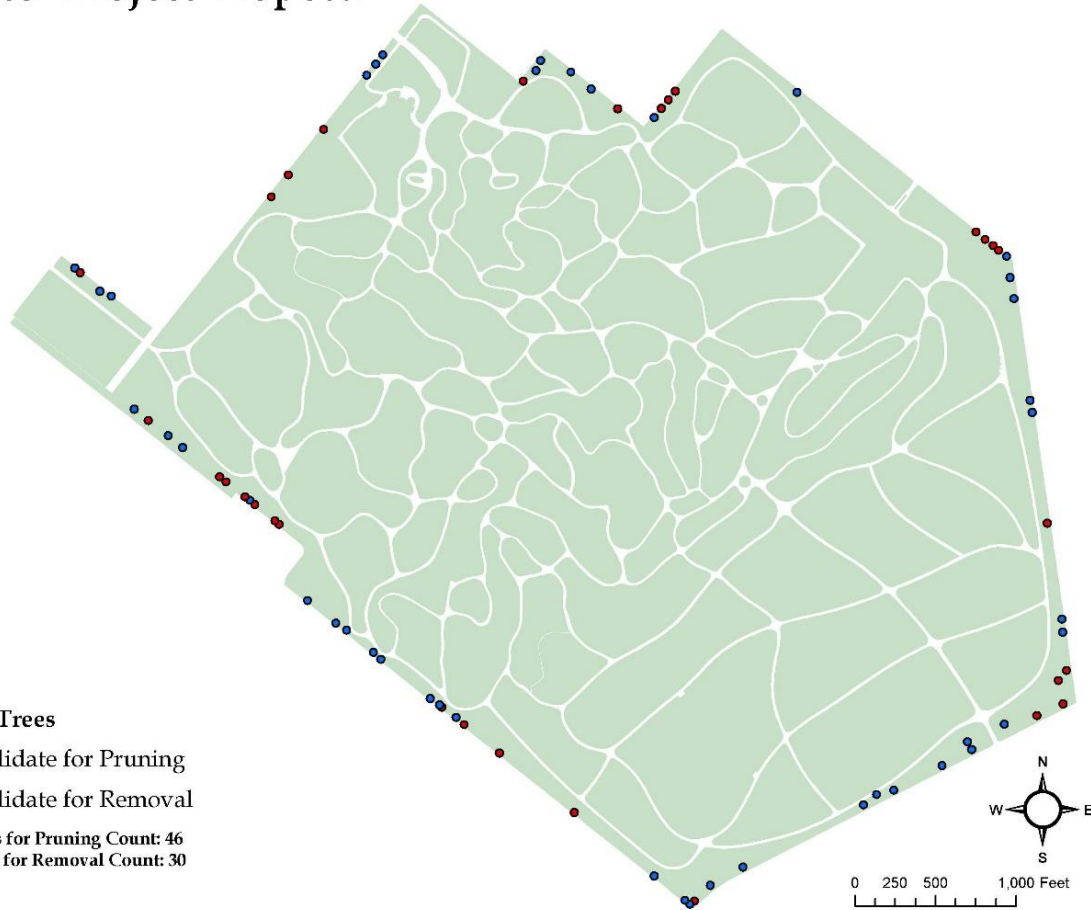
Legend

Candidate Trees

- Candidate for Pruning
- Candidate for Removal

**** Candidates for Pruning Count: 46**

**** Candidates for Removal Count: 30**



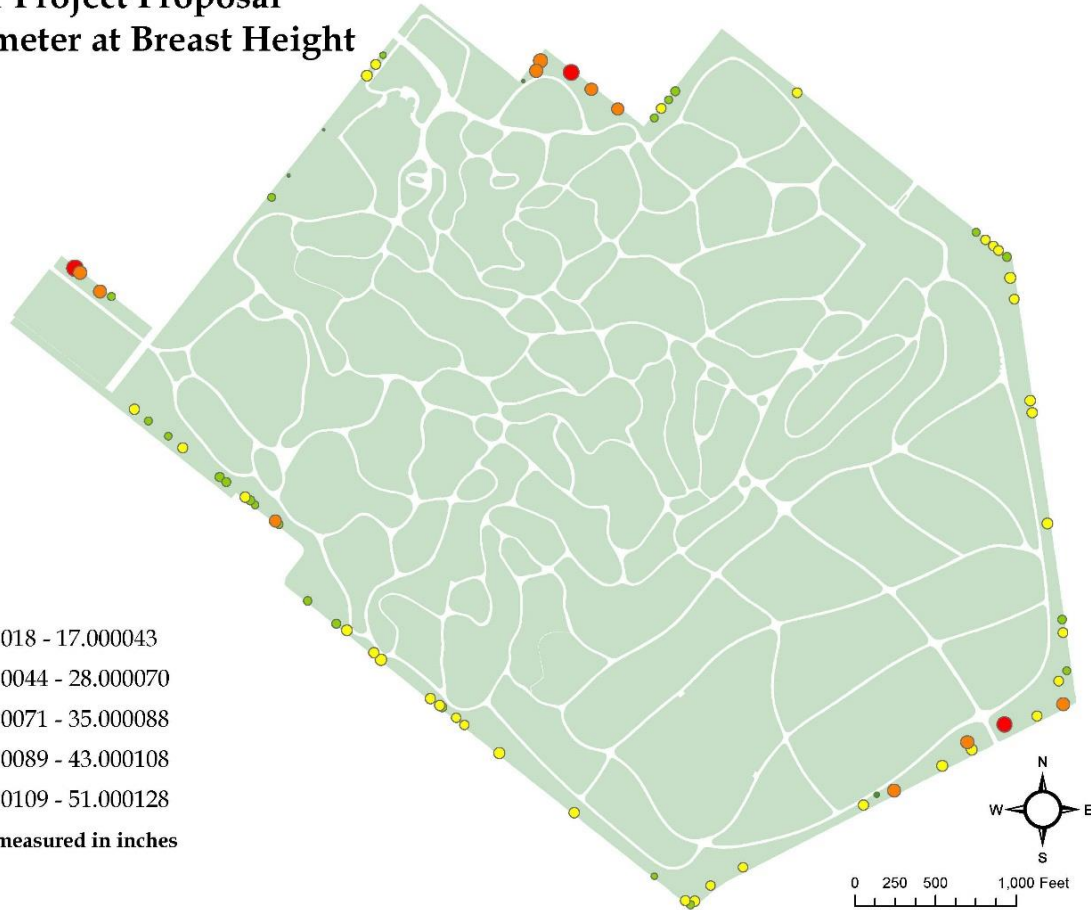
Perimeter Project Proposal Tree Diameter at Breast Height 2017

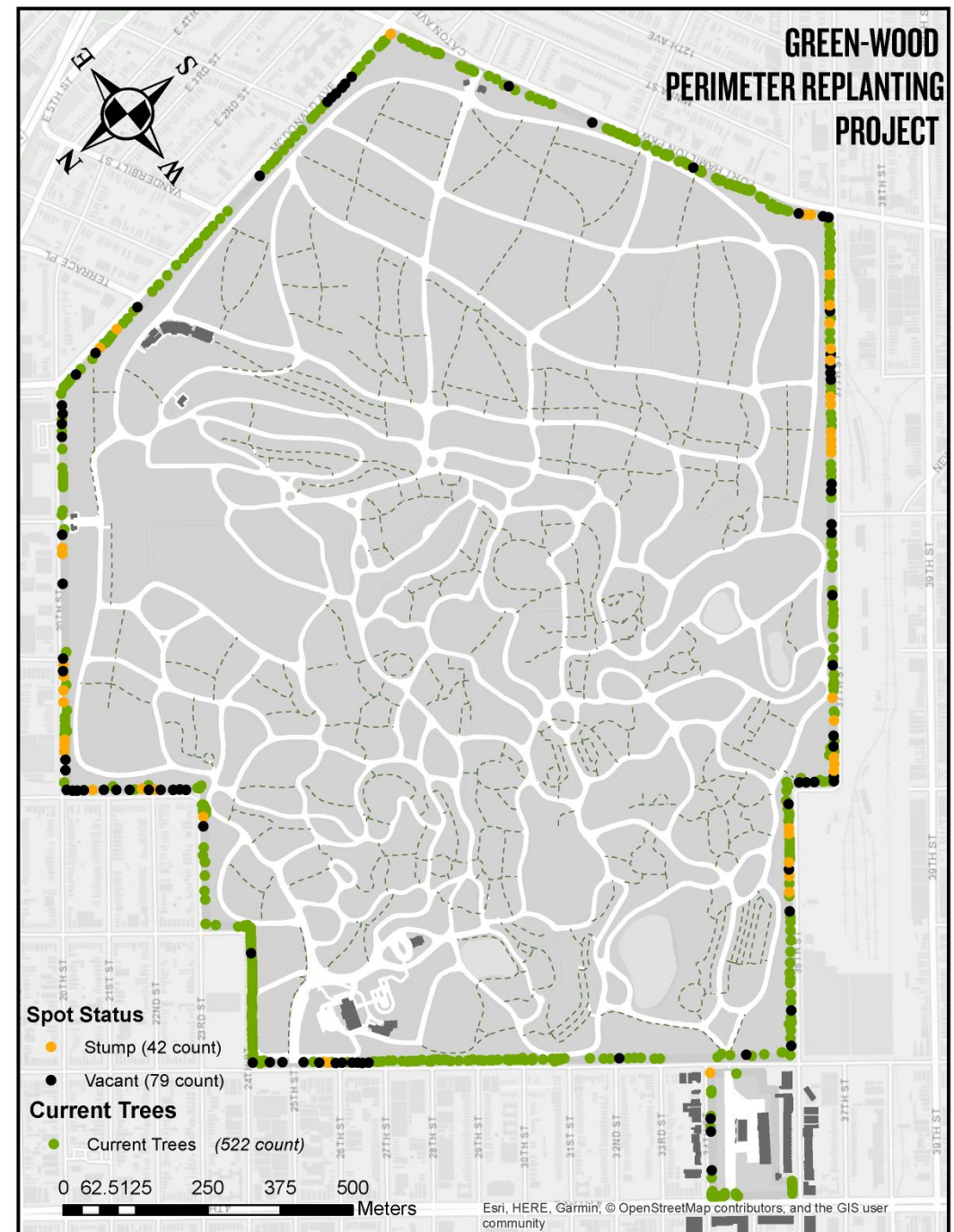
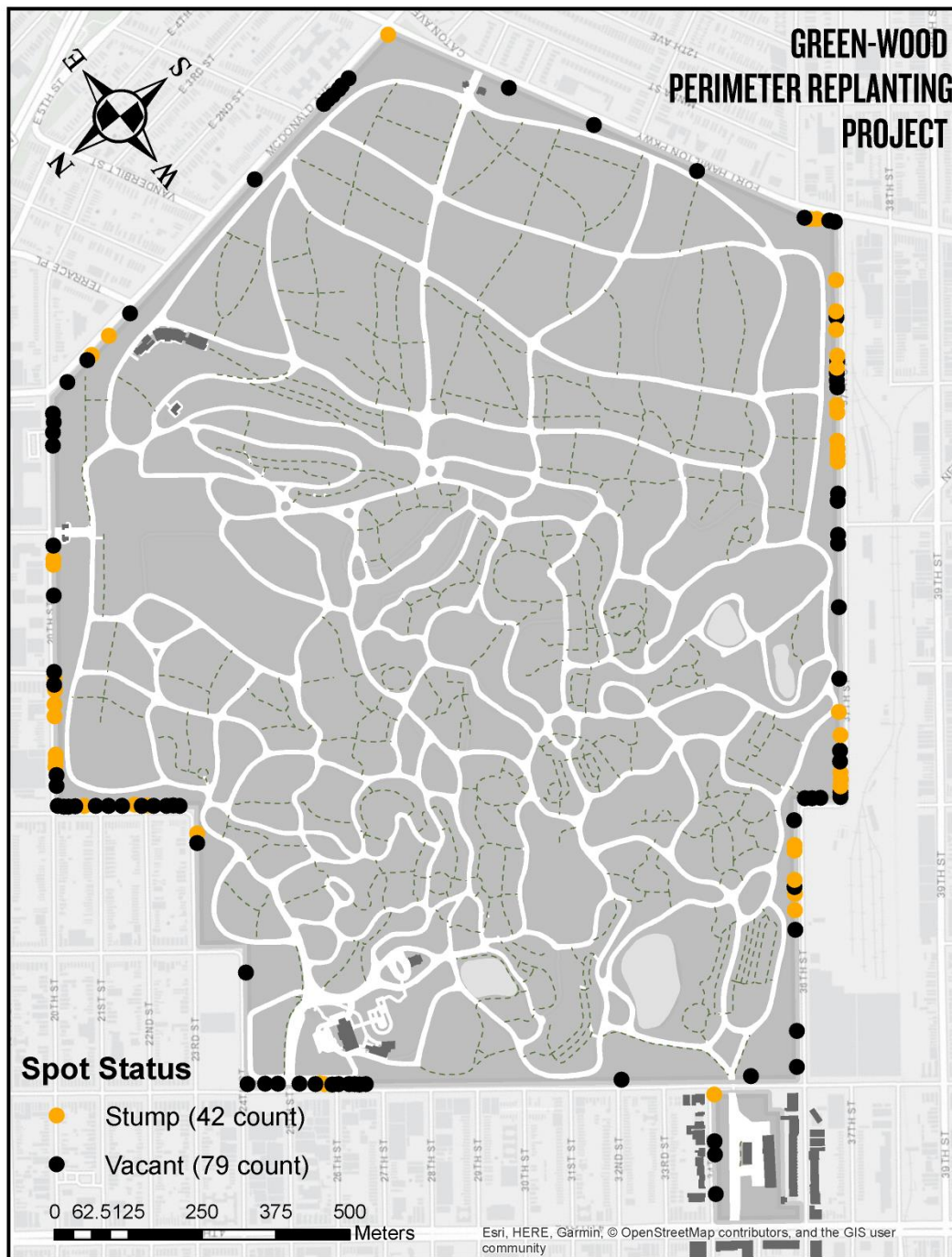
Legend

PlantDBH


- 7.000018 - 17.000043
- 17.000044 - 28.000070
- 28.000071 - 35.000088
- 35.000089 - 43.000108
- 43.000109 - 51.000128

**** DBH is measured in inches**







 Submit

Plant Maintenance:

Plant DBH (in.)
42.8

Has Label
Yes

Work Order Date
10/12/2018 3:06 PM

Work Ordered By
Joseph Charap

Work Order Status
Unassigned

Work Assigned To
Tree Crew


Work Equipment Required
Pole pruner and lac balsam

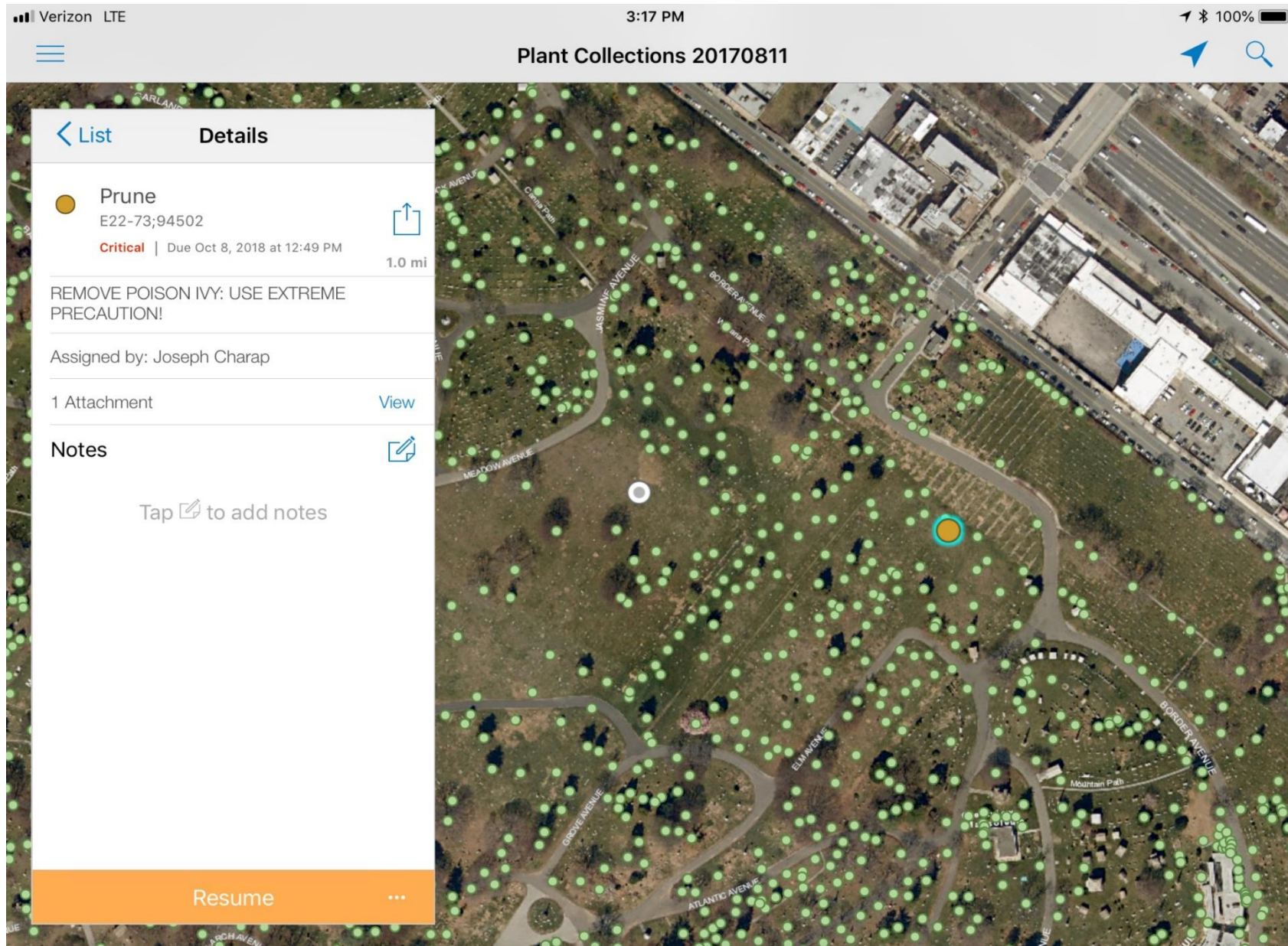
Work Order Description
Prune broken limb; apply lac balsam to wound

Plant Maintenance Type
Prune

Maintenance Priority
Critical

Maintenance Due Date





Total Number of Work Orders

700

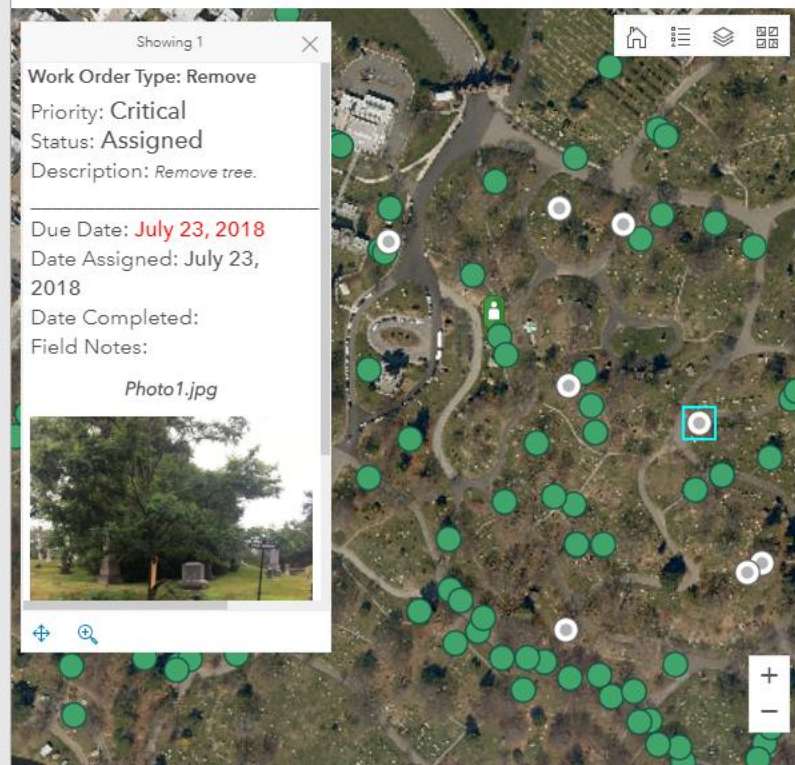
Completed Work Orders

566

Work Orders Assigned or In Progress

95

Plant Collections Workforce Map



Most Recent Work Orders (by date created)

Work Order Type: Remove 1 of 700

Priority: **Critical**
Status: **Assigned**
Description: Remove tree.

Due Date: **July 23, 2018**
Date Assigned: **July 23, 2018**
Date Completed:
Field Notes:

Photo1.jpg

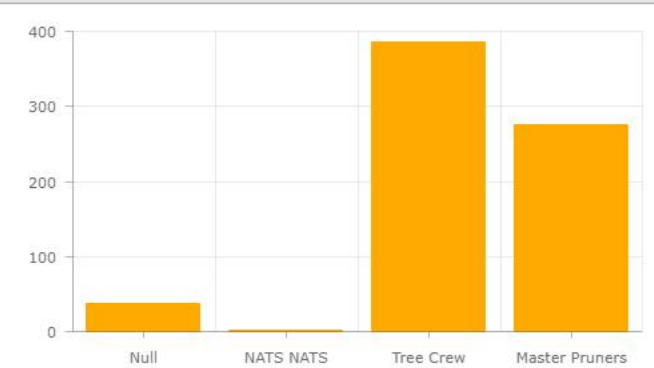
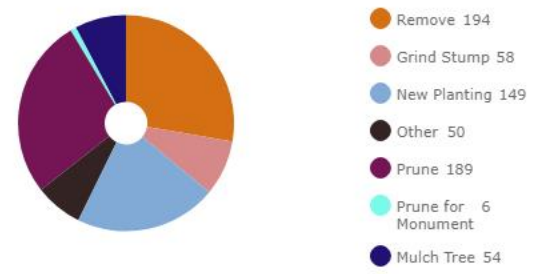
Most Recently Completed Work Orders

- S19-113: Remove - Low priority - Due By June 21, 2018
- S18-123: Remove - Medium priority - Due By June 11, 2018
- S16-54: Remove - Medium priority - Due By June 11, 2018
- S16-230: Remove - Medium priority - Due By June 11, 2018
- W17-66: Remove - Medium priority - Due By June 17, 2018
- E08-41: Prune - Medium priority - Due By June 13, 2018
- W23-43: Remove - Critical priority - Due By June 21, 2018
- E13-2: Prune - Critical priority - Due By July 5, 2018

Most Recently Assigned and In Progress Work Orders

- E37-76: Remove - Critical priority - Due By July 23, 2018
- E15-17: Remove - Medium priority - Due By July 6, 2018
- S13-44: Remove - Medium priority - Due By July 16, 2018
- S13-45: Remove - Medium priority - Due By July 16, 2018
- E09-7: Other - Critical priority - Due By July 17, 2018
- S18-143: Other - Critical priority - Due By July 17, 2018
- E40-68: Remove - Medium priority - Due By June 25, 2018
- E29-20: Prune - Medium priority - Due By June 17, 2018

Work Order by Assignment Type





DAILY WORK REPORT

Crew Represent!

-Please Select-

Master Pruners

Tree Crew

7/23/18

General Clean-up

Tell us where and a brief description of the work performed.

N/A

OAK WILT NY STATE REGION II TASK FORCE



T-Mobile LTE 9:47 AM
green-wood.maps.arcgis.com



NYC Parks



GW
GREEN-WOOD

Oak Tree Monitoring and Disease Management

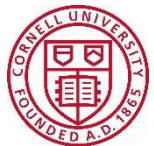
This application is intended for the public to use as a platform to report oak trees that are showing symptoms of oak wilt and its location to the New York State Department of Environmental Conservation Region II Oak Wilt Task Force and partnering members.

Directions: Answer 'yes' or 'no' to the symptoms that are listed below and attach photos if you can.

For more information on oak wilt and how you can help prevent the spread of it, visit the [Department of Environmental Conservation's information on oak wilt](#).

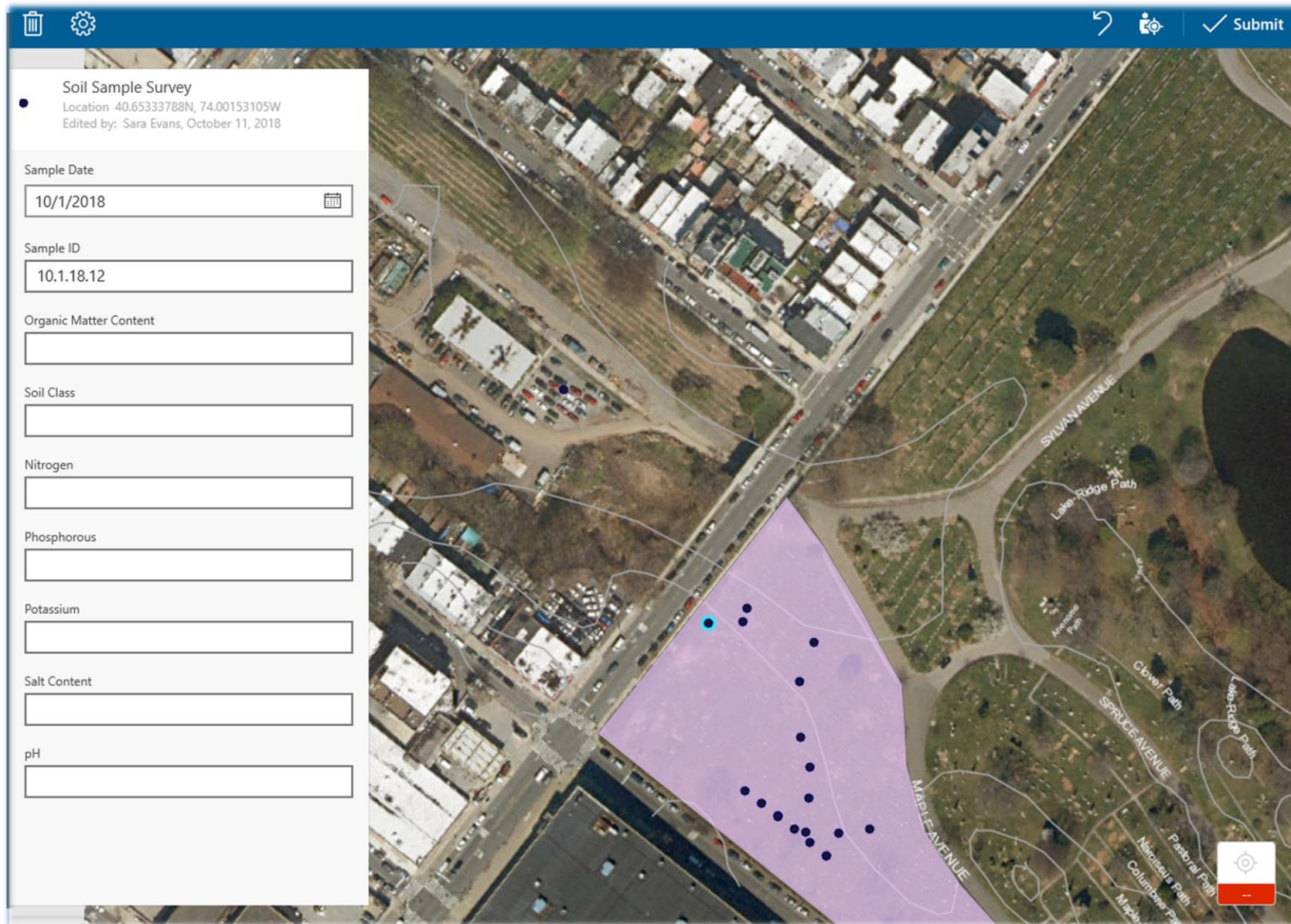
1. Enter Information

CLIMATE RESILIENT URBAN GRASSLAND RESEARCH AT GREEN-WOOD



Cornell **CALS**
College of Agriculture and Life Sciences

GW
GREEN-WOOD





TURF PHENOLOGY SURVEY



This survey is for the use of Cornell University turf researchers to record the life cycles of grasses being studied in Green-Wood's Turf Project.

Area Location*

Choose the site that is being surveyed

-Please Select-

Date*

9/20/18

Fine Fescue

Fine Fescue*

Indicate the presence of the species

☒ Yes ☐ No

Percent Active (fine fescue)

Estimate the percentage of non-dormant grass

25-49%

Inflorescence (fine fescue)

Yes

Inflorescence Open (fine fescue)

Estimate the percentage of open flowers

5-24%
less than 5%
5-24%
25-49%
50-74%
75-94%



The New York Phenology Project



Green-Wood Phenology Project

The Two Sites

There are two phenology sites within Green-Wood, Valley Water and Vista Grove.

Valley Water is located closest to the perimeter of the Green-Wood, where the plant life is exposed to more artificial light at night. The closest light source is about a half mile away.

Vista Grove is located in a valley between sloping topography, with a higher density of surrounding canopy, and is over 700 meters away from an artificial light source.

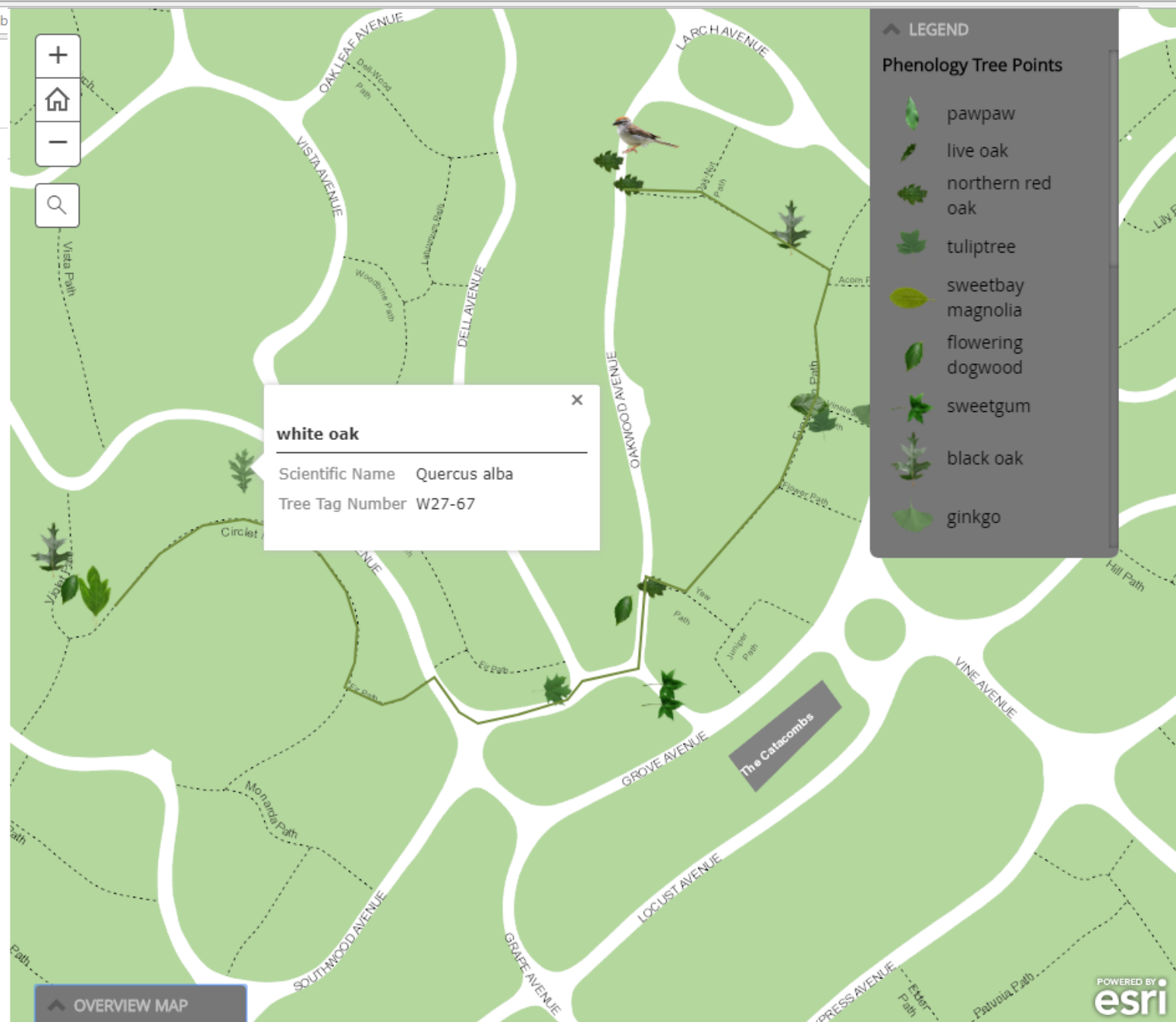
As part of the dynamic urban ecology of New York City, our site is focusing on some species that are common street and park trees, and seeking to examine whether the quantity of light pollution influences the timing of life-cycle events.

The interactive map shows the location and corresponding label of the trees being observed at each site. Navigation from the Gothic arches is also supplied. The "PlantCenterID" corresponds to the stainless steel tag on the north-facing side of each tree. A paper copy of the map can be [downloaded here](#).

Phenophases

Since 2015, Green-Wood has been accredited as a Level II arboretum, an acknowledgement of the importance of its collection of trees, so we will be focusing on the phenophases of trees:

- **Breaking leaf buds**- the protective scale coating is shed from the bud exposing new growth of one or more leaves before the petiole (leaf stalk) of the leaf is exposed.
- **Leaves**-one or more unfolded leaves, so that the petiole or base of the leaf are visible at the point of attachment on the stem. You will be prompted in the app to give a percentage of leaves in the canopy.
- **Increasing leaf size**- leaves that have not reached their full size. This life cycle period begins right after the new leaves have unfolded. Do not include new leaves during the growing season. In the app, it will ask you to estimate the percentage of



The New York Phenology Project

Green-Wood Phenology Project

Quercus alba

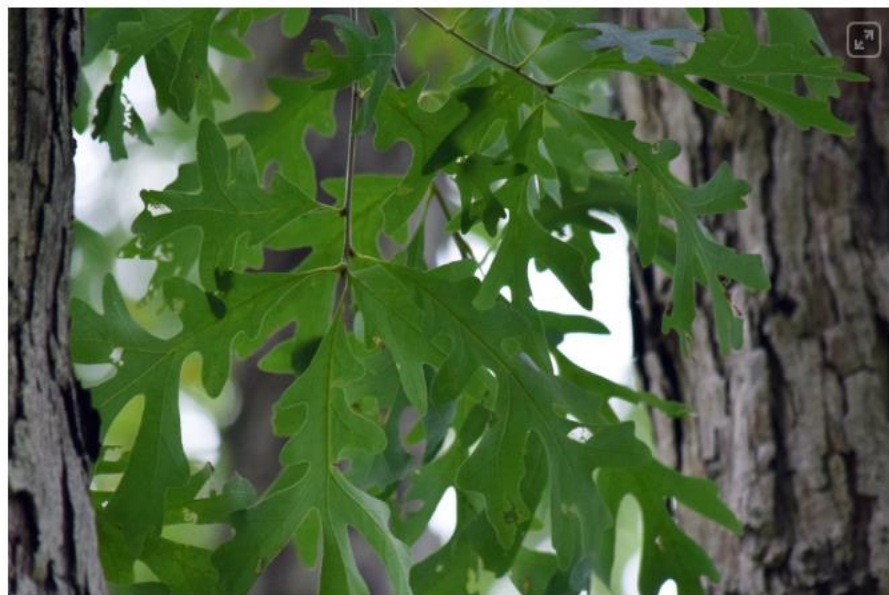
Fagaceae—Beech family

Common names: white oak, stave oak, ridge white oak, fork-leaf oak

Description:

Native to eastern North America, the white oak is a deciduous tree that reaches heights of 60-100 feet tall. White oak favors coarse, deep, moist, well-drained, slightly acid soils, but often occurs on loam or clay soils. It is found in dry to moderately moist woodland communities in rich uplands, moist bottom lands, sandy plains, on dry, gravelly slopes, and along streams. It is sensitive to flooding, fire injury, coal smoke, and fly ash deposits on the soil surface and is resistant to salt-spray and brief submergence in salt water.

Leaves:



USDA United States Department of Agriculture
Natural Resources Conservation Service

BACK



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- Cover Crops
- Culturally Significant
- Distribution Update
- Documentation
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50,000+ Plant Images

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Related Tools

- Crop Nutrient Tool
- Ecological Site Information System
- PLANTS Identification Keys
- Plant Materials Web Site
- Plant Materials Publications
- USDA Plant Hardiness Map

You are here: Home / Plant Profile

GENERAL IMAGES SYNONYMS CLASSIFICATION WETLAND RELATED LINKS

Quercus alba L.
white oak

Show All



General Information

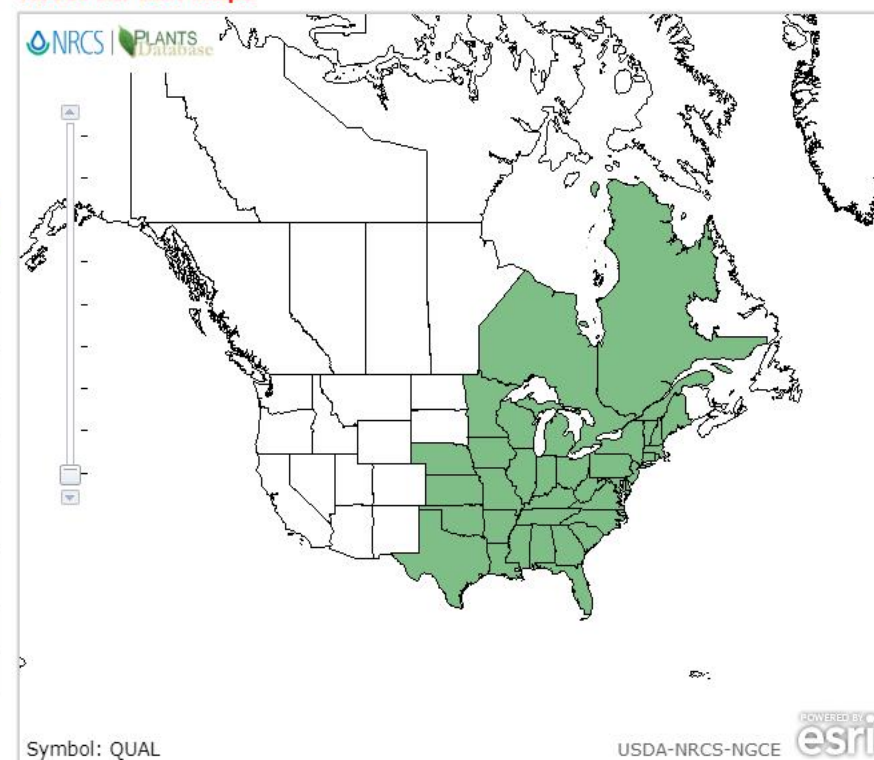
Symbol:	QUAL
Group:	Dicot
Family:	Fagaceae
Duration:	Perennial
Growth Habit:	Tree
Native Status:	CAN N L48 N

Characteristics

Fact Sheet (pdf) (doc)

Data Source and Documentation

About our new maps

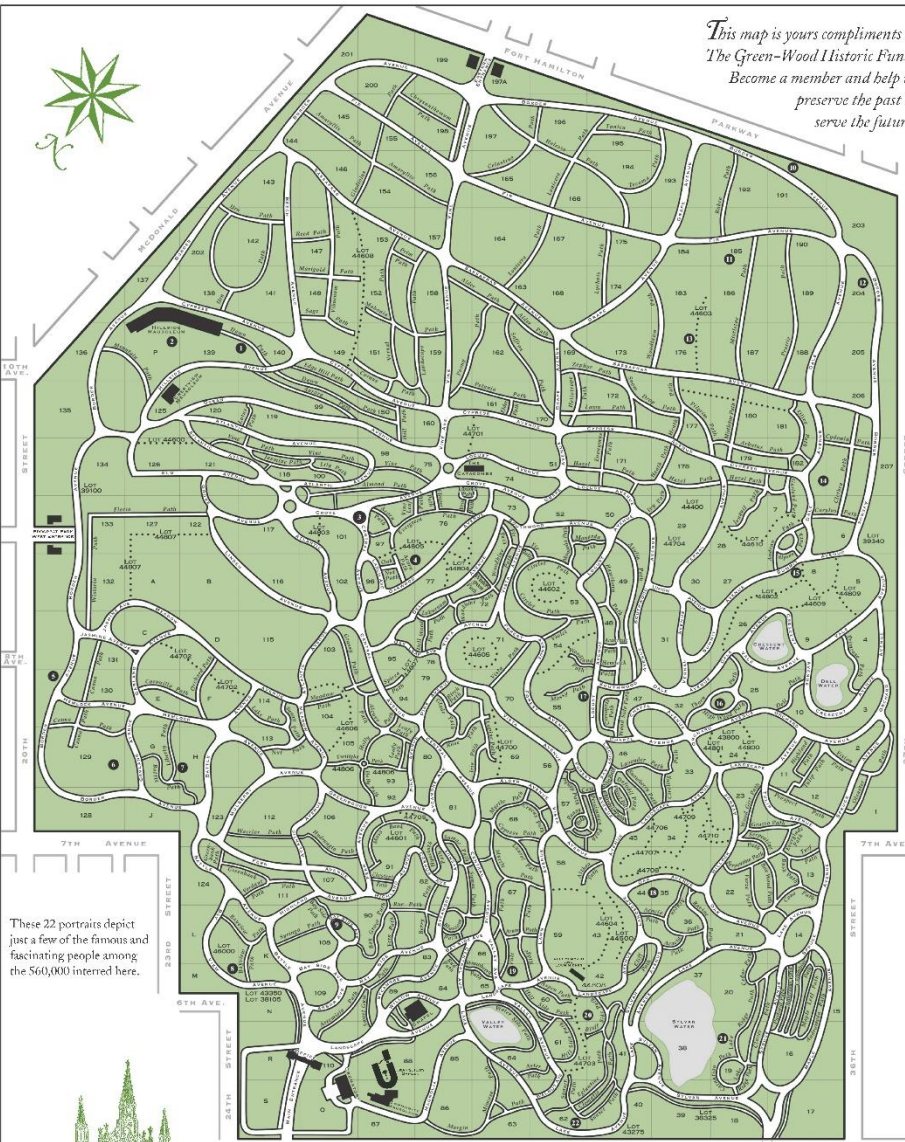


Symbol: QUAL

USDA-NRCS-NGCE



- Native
- Introduced
- Both
- Absent/Unreported
- Native, No County Data
- Introduced, No County Data
- Both, No County Data



These 22 portraits depict just a few of the famous and fascinating people among the 560,000 interred here.



A NATIONAL HISTORIC LANDMARK. FOR INFO: 718-768-7300 / GREENWOODCEMETERY.ORG



4TH AVENUE

[illegible]

CELEBRATED TREES

1 **European Horse Chestnut** *Aesculus hippocastanum*

- ## INTERPRETIVE MARKERS

WELCOME TO GREEN-WOOD

Heritage of Green-Wood at a Glance

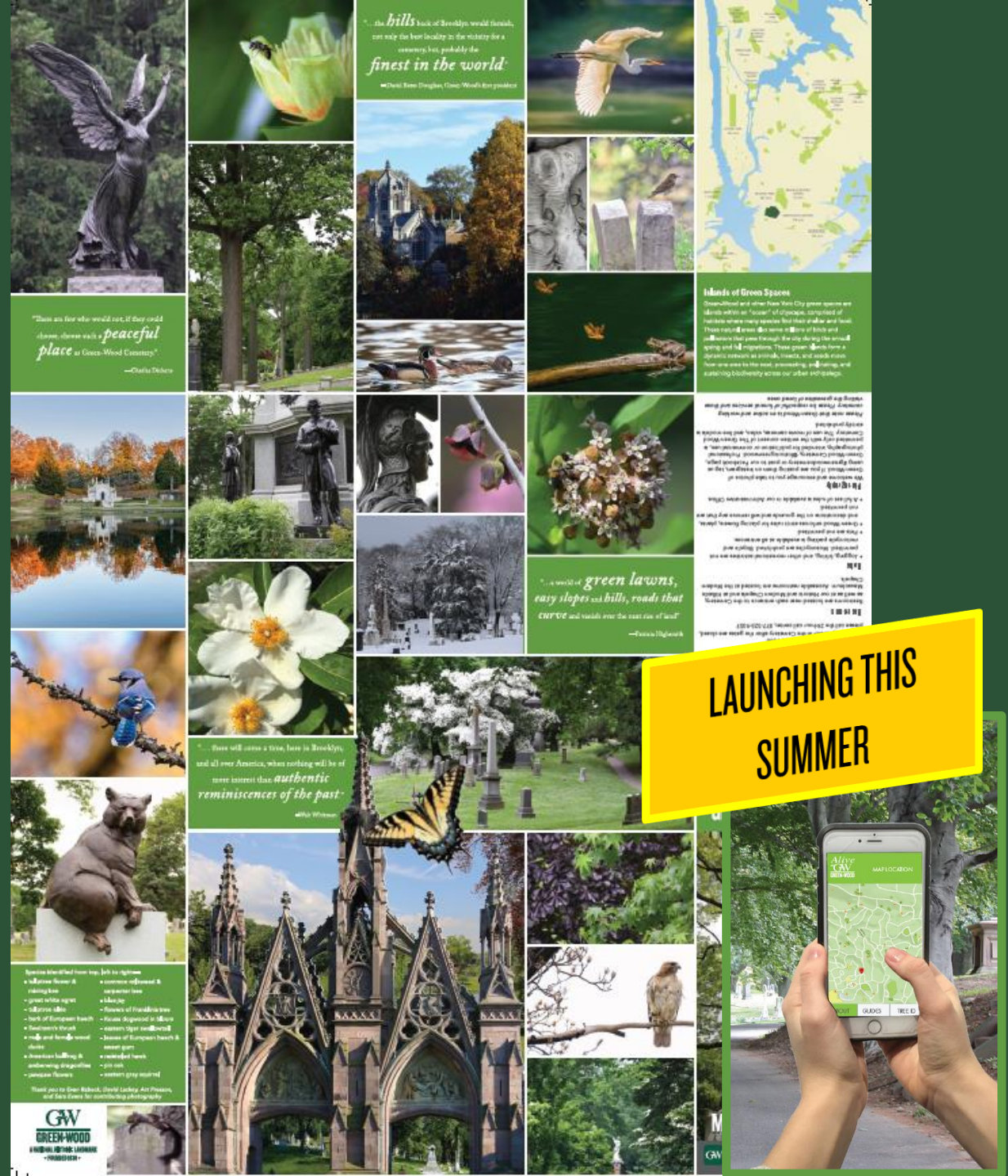
- Mr. De



- ART & ARCHITECTURE

- ## MEMORIALS

- Alive at* GREENWOOD



E05-4

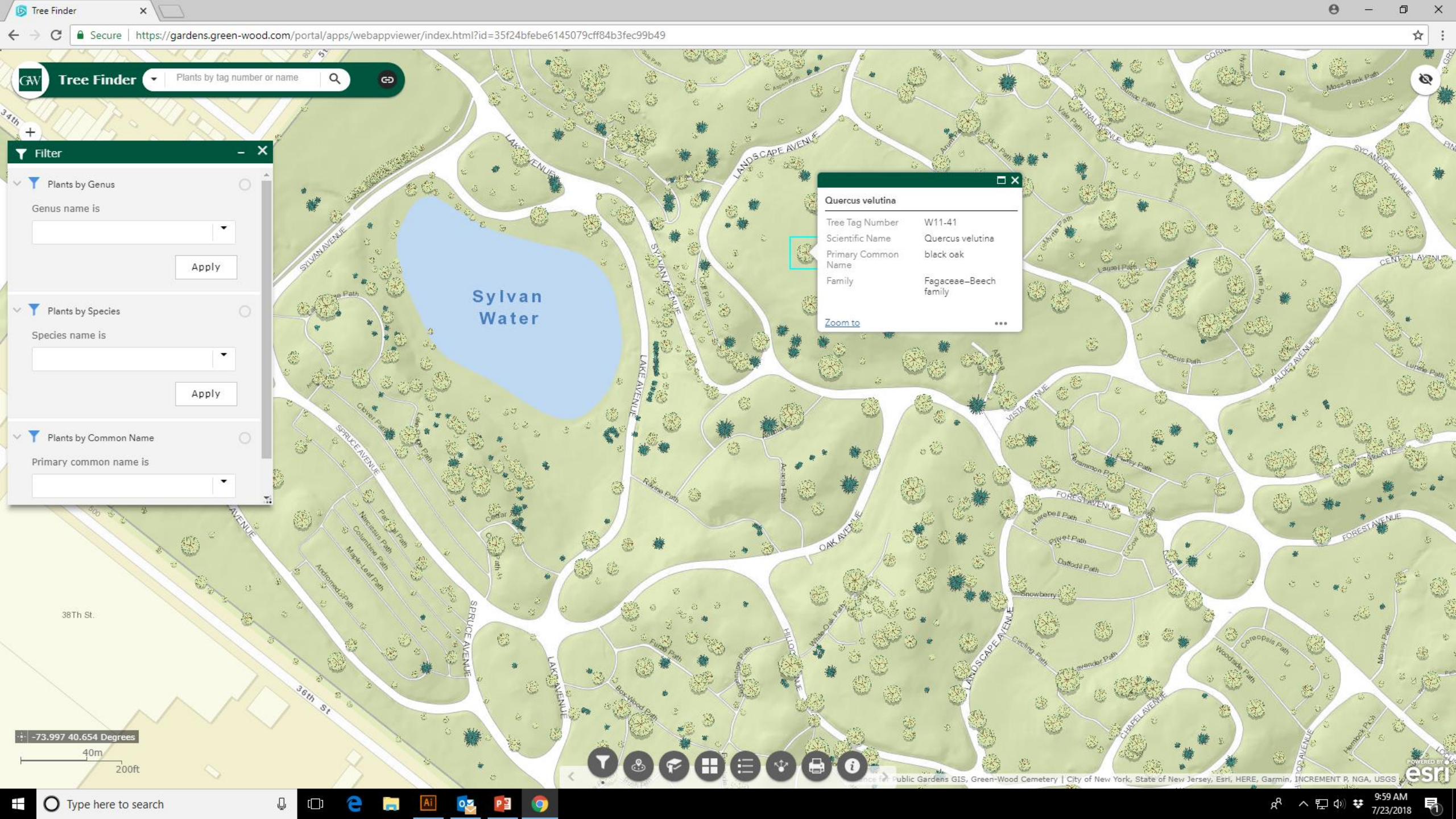
pin oak
Quercus palustris

In Loving Memory of
Michael Camberlango

GW
GREEN-WOOD

Northeastern North America

Fagaceae





Special thanks to Sara Evans, Project Manager, Green-Wood's Department of Design & Landscape, and Chris Gabris of Blue Raster