# Records Regardless of Circumstance

### Josh Darfler Cat Meholic Joseph Charap Jaime Frye

1h



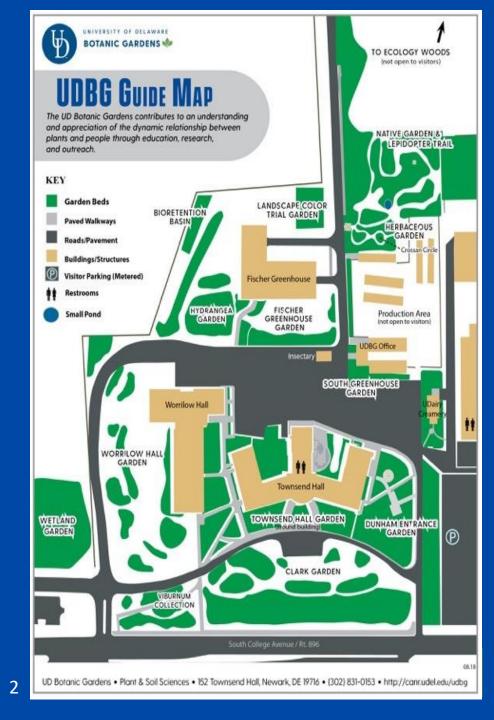
#### **COLLEGE OF AGRICULTURE & NATURAL RESOURCES**



Cat Meholic Curatorial Assistantship M.S.

# Garden

- Teaching garden
- Always open
- Diverse collection
- Color Trials
- 2017 Master Plan
- Plant Sale









University of Delaware Botanic Gardens





- Director: Dr. John Frett\*
- Horticulture Manager: Andrew Adams\*
- Program Coordinator: *Melinda Zoehrer*
- Volunteer & Education Coordinator: Valann Budischak
- Summer Interns (June-August): 3-5 students
- Curatorial Assistantship Masters Student: 2 years
- Volunteers: A small army



# **Plant Records**

- Collections Policy
- Accessions
  - Woody plants
  - No system
- Labels
  - Display labels
  - Make labels in-house
- Systems
  - BG-Base & BG-Map
  - Web VQF available on campus
  - BG-Base for plant descriptions on website





Joseph Charap Director of Horticulture The Green-Wood Cemetery June 18, 2019

# **GREEN-WOOD**



### 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

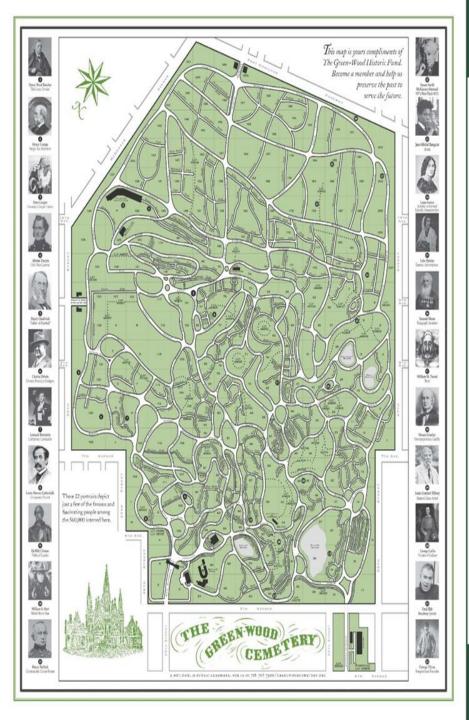
ESTABLISHED IN 1838, THIS WAS THE LARGEST AND MOST VARIED OF THE EARLY AMERICAN RURAL CEMETERIES, CAREFULLY SITED WITH DRAMATIC VIEWS OF THE CITY AND HARBOR BEYOND.

2006

NATIONAL PARK SERVICE UNITED STATES DEPARTMENT OF THE INTERIOR

## **GREEN-WOOD'S GENESIS DURING THE RURAL CEMETERY MOVEMENT**





#### INFORMATION FOR VISITORS GREEN WOOD IN OPEN TO THE PUBLIC. tritucals. Any arts gon p.m. duly, worther permitting, Call or theck on whiste for errended missing have. RULES OF THE CRIPKTERY Grow Wood Custors is Aller, Adam, Arland Bolk, Bolk, Bolk, Comp Comp Comp Comp Comp Dill. an active and working concerny. Please be respectified of busi-als, cromations and these visiting loved cone. to a very inproving a the disortion of the Cenmen senderidficials and The Huands Fund officials. Proonal photography finchading any suc of lights, stands or coherengen aut dataurphyse radio FILMING AND FILMO TAFING & probled. municipal and a service in the Contern priords a prohibited. Nike parking is available at all contrastes notonevers aspedding raws are not permated on Centerny generate, with the enreption of service primab. 10D, SIVERAUES and alcoholic beverages are prohib-Nu. For and on Centerry grounds unless otherwise posted for special Ea. the right hard side of the road. Please park all whiches on the right hard side of the road. Purling on the graw to pro-Front, Garley Grape, Grape, Grant, Linko, Sighther Histol Million Million Million Million Million Million THE LOWIN PLAYING OF KADION and other word genoraring devices is prohibited, THE SPECIAL LETTER & MANIMUM TO MPT. S S JOIN THE GREEN WOOD HISTORIC FUND HELP US PRESERVE THE PAST TO SERVE THE FUTURE and street for first free processing and for the Out... Out.L. Out.L. Out.L. Out.L. Out.L. Out.L. New, Second Science S DIRECTIONS Take Brockley Battery Justel and that of Harilan Areas plana). Centinue or Hanilton Avenue until 19 it becomes Third Automat Palkin. in bacones Daint Annue and goalwar cight Backs to 25th Sonn. Tam Idi to 25th Sonn and go too Bicks. Cenamy estrates is straight sheed at 5th Avenue and 25th Wile ABROWS ENDINE: Tabe 1-220 E / Gawara agreement in the 35th Stears coin. As bettern of same proceed manyly, one block to 5th Avenue, Terrs tell at 5th Avenue and container 13 block to 23th Starri, Constany nut saor is on right. PROMINE ADDRESS Take Belt Parks or west to 1-278 E / Governon Expressive to the JBOL Street edit. At horizon of carep, proceed intright one block in Jah Avenue, Turn Jah on 5th Avenue and continue 11 blocks to 25th Strutt, Cemetary entrance is on right. Take Long Hind Expression was no the 40th Senor cells to L278 W. Problem Queres Expression wash in the Hamilton Avenue cell. Continue on Hamilton Avenue until it becomes Trind Avenue and go aloue right blacks to 25th Sature, Turna Julic on 25th Stewart and ger row blocks. Competers natione is straight alread at File Armore and 25th Street.

OF LODINAS

Take the Runin to 21th Super in Brooklen, Walk saw the

block to Green-Wood at 5th Aomor and 25th hore

#### Index of Avenues and Paths

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#### THE GREEN-WOOD HISTORIC FUND

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To become a member of The Green-Wood Historic Fund, go to generowoodcenterary org

For most info about The Groen-Wood Hintoire Frank. The principle space Tousie historic final difference observations are a

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MAP Green-Wood Cemetery A WIGHT REFERENCE AND MAKE FOUNDED 1898



BROOKLYN, NEW YORK

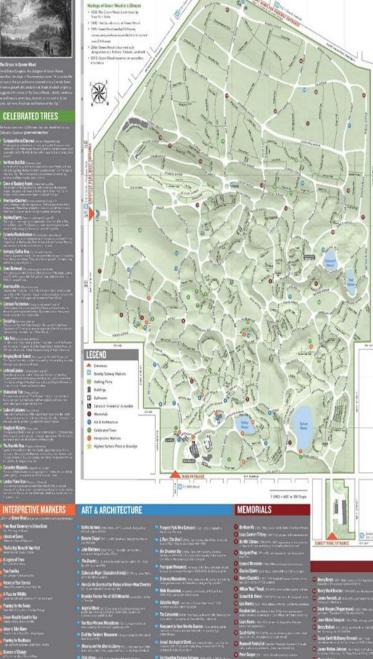


#### WELCOME TO GREEN-WOOD

405 eine abs 's stanigue sentiumy ist the familie's Metropolis



#### **CELEBRATED TREES**







### Seasons - Change

#### A YEAR IN THE LIFE OF GREEN-WOOD

Life at Green Woral abanant scaces, allowing the persistence landscape diversity. Wester is wh and many intern are dormant, as tennised cold and see that hold their le with thick way dre inter winds that woo invei of our decid ala, maples, and carbin



FORGET MODERN TECHNOLOGY, THE STEAM ENGINE, OR SLICED BREAD. IN A WORLD WITHOUT SEASONS. THERE WOULDN'T EVEN BE WHEAT,

Alive at GREEN-WOOD



INES.

GW -----





icies of tree types. Different species are evolved the ability to tolerate a unge of soil types, mointure availability, and contains such as leaf and weed caters. We see differences in shape of leaves and flowers or of bark perturns. Look closely and what is at first just a green canopy becomes a kaleidowcope of subdy different trees.

As an maniple, our many ouk species have leaves with recorded or pointed lebes, or with deeply cut or shallow lobes. Our maple species rea vary from familiar red maples, with five they and and attenue to Japanese maple warleties with delicant, form like leaves, dissected like a ov of last and micered from decy marson to rgmen. Filowers of our trees also vary in shape and color among related species, par so here observation type can carry within our horman females. Search for these two parts on the ground at Advent times of the year, the oak Assers in early spring, the maple sends in late spring, and the trabuppie fruit in the full.

Everypsin species also vary in acad but important ways, from the number of needles in a charter (5 to white piec and 2 in Soutch pine, for charges) in how the couldes are arrised, to is shape of errors. Together these traits add a store and complexity to nor landscape that willde natural complexity and fuscinates augication. Become as expert in one of these supe, see how many species is a group years a identify, new filensis in your Brooklyn eighborhand. We have stors that can help you suct your eaighbors.







HUMANITY IS EXALTED NOT BECAUSE WE ARE SO FAR ABOVE

OTHER LIVING CREATURES, BUT BECAUSE KNOWING THEM

WELL ELEVATES THE VERY CONCEPT OF LIFE.

Habitat for Wildlife

Green-Wased is an usua for wildlife in this busy bornagh.

Like people, scienal species need resources to carry them through the stages of life and rearing young. Wallife can molify their balance to incrime their success, building, server, storing final, spending und that become the plate

resources of the future, and even warning ocigibility of, danger, though calls and displays that see will subprised by laterary.

Henderde of speeder of birth and maximals for have a mean-add of speeder of integers and other inverted of The gran versety of plant species here office adversely

appliqueal statute. From tree cavities to locations na

exts made of leaf, swig, and even spider all (for

humminghinds), and soft proceeds for humaning

billide fields inch harbor a selection of our will

estamole, our tall trees, dense sheadby the

neighbor

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YOU ARE NOT ALONE AT GREEN-WOOD

Alive at GREEN-WOOD



Nature & Your Service

ALL LIFE ON EARTH DEPENDS ON NATURE AT WORK 24/7

Lowyers arrives can be grapped into fine The services our consistence provide have grant

PROFICIENT, including production of final and what the main would be if we had to not the law

value, and their many benefits are free. Imagine

o harveflas for pillinating our plants and expa-

or the worlands for filming our water supply (not

to name a few). Protecting and enhancing our

enserviews is associated in order to approve all his

No Weekend Breaks!

that decompose our wasten.

People benefit in so many ways from all types of

eccepterns around an agricultural areas, forests, gravitande and mendows, fresh- and saltwater syst

NATURE IS USEFUL, NOT JUST LOVELY

and cleaning drinking watery

HEALATING, the annual of climate and she trapperature which lessers classes outimals

International state of an and

and even urban commutem areas. Collectively, these

benefits are known as ecosystem services. Ecosystem

services include actions we need for a healthy life, such as clean air and drinking water, and the natural processes





Alive at



OBE	 INN	



#### **Beyond Beautifu**

#### YOUR GARDEN HAS A FUNCTION

We design our gardens, yards, and street plantings to be levely, but they can have even more value to our horizer and communities. Plantings with diverse local species rapport the useful aximals around us and improve our quality of life and local ecosystem persistence. Having only patches of grass and simple, single species plantings such as hedges may be pretty but lack many other values that diverse plantings can provide.



WHEN ONE TUGS AT A SINGLE THING IN NATURE.

(WE) FIND IT ATTACHED TO THE REST OF THE WORLD



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GN GREEN-W										X
Dashboard	*	Gleditsia triacanthos	W42-128	W42	Fabaceae	Gleditsia	triacanthos	Deciduous	Good	Quercus rubra Common Name: red oak
	Dashboard	Fagus sylvatica 'Dawy	y W42-129	W42	Fagaceae	Fagus	sylvatica	Deciduous	Fair	
\$	Maintenance	Fagus sylvatica 'Dawy	<i>r</i> y W42-130	W42	Fagaceae	Fagus	sylvatica	Deciduous	Good	Plant Stressors (1)
٢	Botanical Repository	Quercus rubra	W42-131	W42	Fagaceae	Quercus	rubra	Deciduous	Good	Category Type Tree Part Severity
~	Botanicar Repository	Quercus imbricaria	W42-132	W42	Fagaceae	Quercus	imbricaria	Deciduous	Fair	Other Disorders Root collar buried Root Collar Moderate
ŋ	Мар	Gleditsia triacanthos	1 W42-133	W42	Fabaceae	Gleditsia	triacanthos	Deciduous	Fair	
di	Reports	Liquidambar styracifl	lı W42-134	W42	Hamamelidaceae	Liquidambar	styraciflua	Deciduous	Good	
		Quercus rubra	W42-135	W42	Fagaceae	Quercus	rubra	Deciduous	Good	C / NOR
\$	Insights	Quercus bicolor	W42-136	W42	Fagaceae	Quercus	bicolor	Deciduous	Fair	N/
Do	Team Members	Liriodendron tulipifera	a W42-137	W42	Magnoliaceae	Liriodendron	tulipifera	Deciduous	Good	
		Catalpa speciosa	W42-138	W42	Bignoniaceae	Catalpa	speciosa	Deciduous	Fair	
- The	CLEAR FILTERS	Fagus sylvatica 'Purp	ol W42-139	W42	Fagaceae	Fagus	sylvatica	Deciduous	Fair	City of New York, State of New Jersey, Esn, HERE, G Powered by Esn
		Cryptomeria japonica	a W42-140	W42	Cupressaceae	Cryptomeria	japonica	Evergreen	Fair	Work Orders (1)
		Quercus rubra	W42-141	W42	Fagaceae	Quercus	rubra	Deciduous	Good	Maintainanaa Data
		Quercus robur	W42-142	W42	Fagaceae	Quercus	robur	Deciduous	Good	Maintainance Date Tue Jan 02 2018
		Quercus coccinea	W42-143	W42	Fagaceae	Quercus	coccinea	Deciduous	Good	Maintainance Due Date
		Cornus kousa	W42-144	W42	Cornaceae	Cornus	kousa	Deciduous	Good	Wed Dec 31 1969
		Tilia cordata 'Greensp	p W42-145	W42	Malvaceae	Tilia	cordata	Deciduous	Good	Maintenance Priority Medium
		Gymnocladus dioicus	s W42-146	W42	Fabaceae	Gymnocladus	dioicus	Deciduous	Fair	Plant Maintenance Type
		Thuja plicata	W42-147	W42	Cupressaceae	Thuja	plicata	Evergreen	Fair	Prune
		Thuja plicata	W42-148	W42	Cupressaceae	Thuja	plicata	Evergreen	Fair	Work Order Description Structural Prune
		Thuja plicata	W42-149	W42	Cupressaceae	Thuja	plicata	Evergreen	Fair	Structural Prune
		Thuja plicata	W42-150	W42	Cupressaceae	Thuja	plicata	Evergreen	Good	
		Thuja plicata	W42-151	W42	Cupressaceae	Thuja	plicata	Evergreen	Good	
		Thuja plicata	W42-152	W42	Cupressaceae	Thuja	plicata	Evergreen	Good	
4										

Thuja

plicata

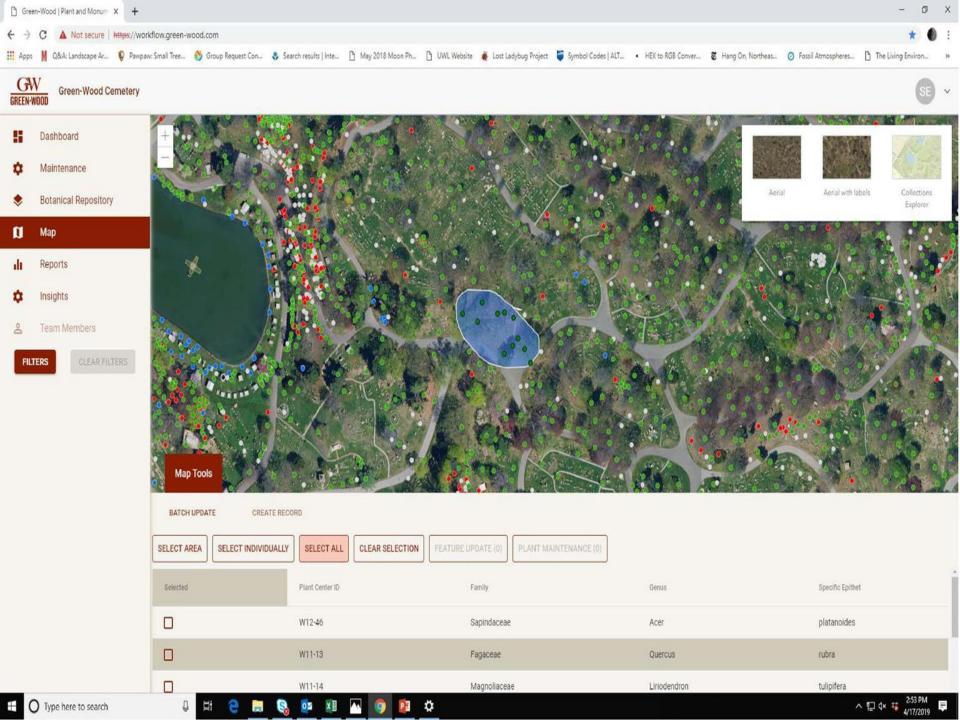
Cupressaceae

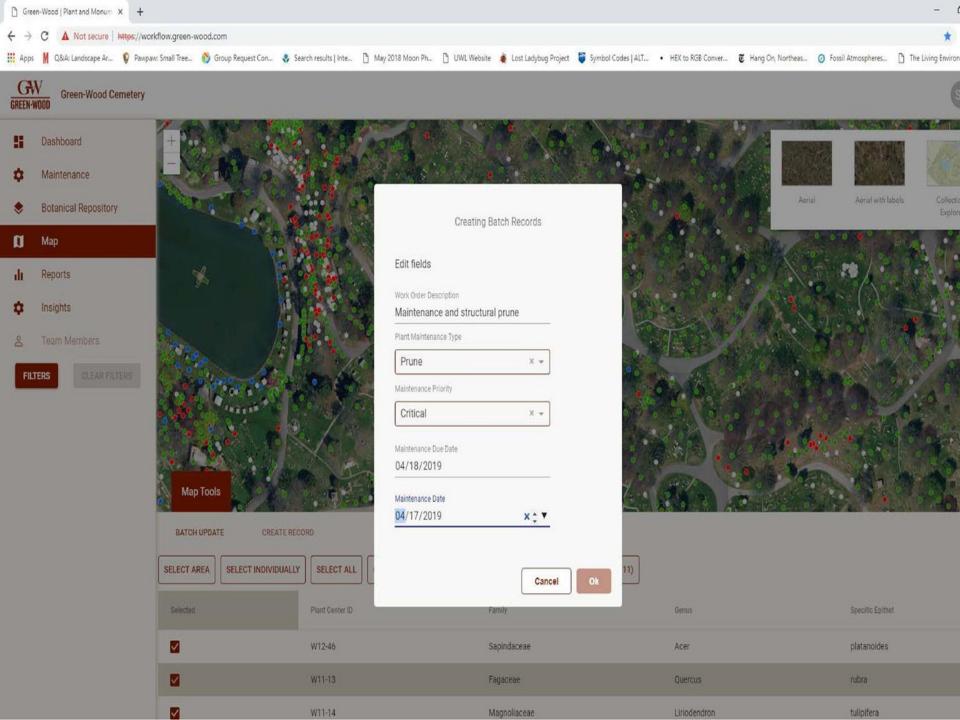
Thuia plicata

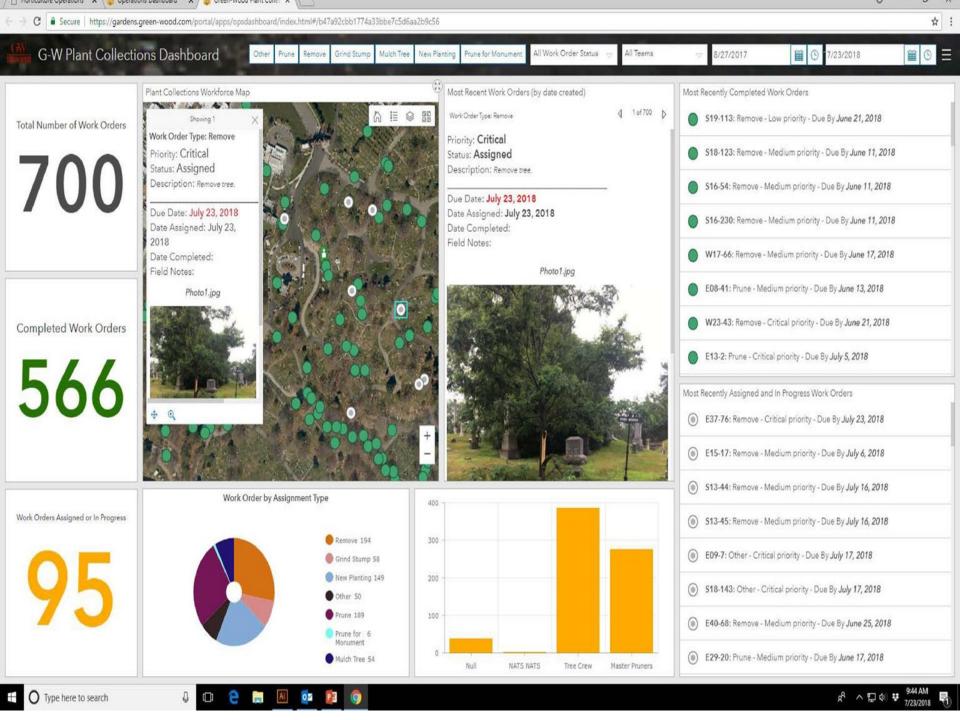
**₽** ΪÏ W42-153

Good

Evergreen







# $\frac{GW}{\text{Green-wood}} \text{ Daily Work Report}$

DEPARTMENT OF HORTICULTURE

#### Crew Represent!

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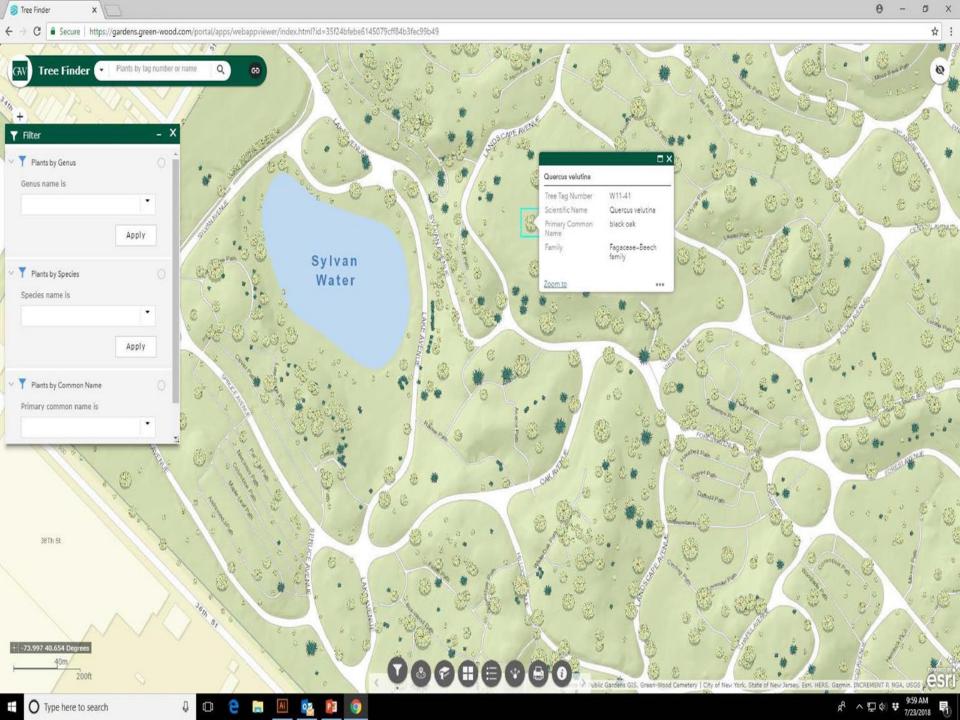
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7/23/18

#### General Clean-up

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

N/A





# A PLACE FOR NATURE & THE ARTS

























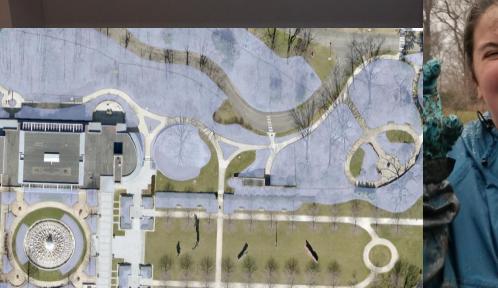




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imperial fritillary Fritillaria imperialis 'Rubra' LILIACEAE



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		1997-231	1997	231		Foenicu		
命 Taxonomy	:	2004-363	2004	363		Acer rul		
Taxa		2005-119	2005	119		Foenicu		
Taxonomic groups		2005-215	2005	215		Hydran		
Reports 2	*	2005-273	2005	273		Echinac		
Reports	-	2008-176	2008	176		Acer rul		
Maps		2013-072	2013	72		Hellebor		
Labels		2017-002	2017	2		Syringa		
- Events								

# What tools are you using?

# How do you label collections?

# What is your workflow like?

## What is your biggest limiting factor, and how do you work around it?

## What is your best time-saving tip?



## Who does the plant records?

How many people help with record keeping? How much time per day/week/month is dedicated to the record keeping process? Do you have seasons that you do more recordkeeping than others?

Audience Questions