

A night-time photograph of the Philadelphia skyline, featuring several illuminated skyscrapers and a bridge over a river. The lights from the buildings and bridge are reflected in the water.

Common Plants of PA- Herbarium Project

An aerial photograph of a city park at dusk. A multi-lane highway with light trails from cars is visible on the left. The park is filled with dense green trees and a winding path. In the background, city buildings and a large body of water are visible under a twilight sky.

Shirin Akhter & Raquel Wright

What is Urban Forestry?

- ❖ Forest or collection of plants that grows around a city
 - PHILADELPHIA, PA
- ❖ There is a Urban Forestry team in Philadelphia that takes care of the plants all around Philadelphia, they have best management practices to assure that the forest is maintained in good health.



The Role of Urban Forestry

❖ Plants

- The role of Urban Forestry between plants is the care of trees and populations in urban settings for improving the urban environment

❖ Humans

- The role of Urban Forestry between humans Urban forests can provide economic, environmental, and social benefits.
- Low Heating
- Cooling cost

Common Plants In Philadelphia



Akebia (*Akebia quinata*)



English ivy (*Hedera helix*)



Garlic mustard (*Alliaria petiolata*)



Japanese honeysuckle (*Lonicera japonica*)



Norway maple (*Acer platanoides*)



Oriental bittersweet (*Celastrus orbiculatus*)



Purple loosestrife (*Lythrum salicaria*)



Tree of Heaven (*Ailanthus altissima*)



Japanese knotweed (*Polygonum cuspidatum*)



Kudzu (*Pueraria lobata*)



Mile-a-minute (*Polygonum perfoliatum*)



Multiflora rose (*Rosa multiflora*)



Wild grape (*Vitis* spp.)

Shirin Akter



• Collector's Name : Shirin Akter

• Date Collected : 2017

• Location where collected : West Bengal, India

- Common name of plant : Empress Tree

- Scientific Name : Paulownia tomentosa

- Family : Paulowniaceae

- Identifying Characteristic : Large, heart-shaped leaves, glossy, green, with prominent venation

• Point of Interest :

The tree produces flowers which grow around spring time.



Empress Tree

- Family-- Paulowniaceae
- Scientific Name-- Paulownia Tomentosa
- Grows best during Spring
- Native to Central and Western China

- Collector's Name : Shirin Akter
- Date Collected : 2017
- Location where collected : 54th West Philadelphia
- Common name of plant : Weeping Willow
- Scientific Name : *Salix babylonica* - Family : Salicaceae
- Identifying characteristics : Kingdom - Plantae
Class - Magnoliopsida Division - Angiosperms
Order - Salicales
- Part of interest : Leaves are elongated but may also be used to eat.



Weeping Willow

- **Family--Salicaceae**
- **Scientific Name--Salix Babylonica**
- **Native to dry areas**
- **Native to Northern China**



- Collector's Name : Shinn Porter
- Date Collected : 2017
- Location where collected : West Philadelphia
- Common Name of plant : Post Oak
- Scientific Name : *Quercus stellata* Family : Fagaceae
- Identifying Characteristic : Region - America, Order - Fagales
- Order - Quercus
- Distribution : Found in all the coastal states



Post Oak

- Family-- Fagaceae
- Scientific Name-- *Quercus Stellata*
- Found in all coastal States
- Slow growing Oak tree



Siberian Crabapple

- Family-- Rosaceae
- Scientific Name-- *Malus Baccata*
- Apple Tree
- Asian species of apple

• Collector's Name : Shirin Nöner

• Date Collected : 2017

• Location where collected : West Philadelphia

- Common name of plant : Siberian Crabapple

- Scientific Name : *Malus baccata*

- Family : Rosaceae

- Diagnostic characteristics : Region - Pauciflora, Order - Rosales
Genus - Malus

* Point of Interest : Native to Russia, China, India, etc.



- Collector's Name: Justin Norder
- Date collected: 2017
- Location where collected: West Philadelphia
- Common name of plant: Japanese Stewartia
- Scientific Name: *Stewartia pseudocamellia*
- Identifying characteristics: Angiosperm, Flower, order - Ericales, Genus - Stewartia
- Part of Interest: Name to Japan

- Family: Theaceae



Japanese Stewartia

- Family--Theaceae
- Scientific Name-- *Stewartia Pseudocamellia*
- Native to Japan
- Grows best during Spring



- Collector's Name : Shirin-Nöster
- Date collected : 2017
- Location where collected : 65th - West Philadelphia
- Common name of plant : Virginia Roundleaf Birch
- Scientific Name : *Betula Uber* - Family : Betulaceae
- Identifying characteristics : Kingdom-Plantae, order-Myrtales, Class- Dicot, Genus- Betula
- Point of Interest : The tree was first found in 1918



Virginia RoundLeaf Birch

- Family--Betulaceae
- Scientific Name-- *Betula Uber*
- The tree was first found in 1918



- Collector's Name : Shirin Akbar
- Date Collected : 2017
- Location where collected : 65th - West Philadelphia
- Common name of plant : European Beech
- Scientific Name : *Fagus sylvatica* - Family : Fagaceae
- Identifying characteristics : Rayon - Pith, oak-fagus
Genus - Fagus
- Point of Interest : Sand mostly in forest



European Beech

- Family--Fagaceae
- Scientific Name-- *Fagus Sylvatica*
- Found mostly in Forest Areas



- Collector's Name : Shirin Akhtar
- Date collected : 2017
- Location where collected : 55th West Philadelphia
- Common name of plant : American Bladdernut
- Scientific Name : *Staphylea trifolia* - Family : *Staphyleaceae*
- Identifying characteristics : Kingdom - Plantae, order - Crossosomatales
Genus - *Staphylea*
- Point of Interest : Produces white flowers in spring.



American Bladdernut

- **Family--Staphyleaceae**
- **Scientific Name-- *Staphylea Trifolia***
- **Produces white flowers in spring**

- Collector's Name : Shirin Akter
- Date Collected : 2017
- Location where collected : 54th - West Philadelphia
- Common name of plant : Common Box
- Scientific Name : *Buxus Sempervirens* - Family : Buxaceae
- Identifying characteristics : Kingdom - Plantae
Order - Buxales, Genus - Buxus
- * Point of Interest : flowering plant found in native America.



Common Box

- **Family-- Buxaceae**
- **Scientific Name-- *Buxus Sempervirens***
- **Found in Native America**



- Collector's Name : Shirin Akter
- Date collected : 2017
- Location where collected : 55th - West Philadelphia
- Common name of plant : Silver Linden
- Scientific Name : *Tilia tomentosa* - Family : Malvaceae
- Identifying characteristic : Round - Pinnate
- order - Malvales
- Genus - *Tilia*
- * Point of Interest : found in UK, flowering plant.



Silver Linden

- Family-- Malvaceae
- Scientific Name-- *Tilia Tomentosa*
- Found In UK

MLA Citation

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