English Ivy
Hedera helix.

- Hardiness Zone 5
- Vine climbing by aerial rootlets
- Evergreen
- Native to Europe
- Requires full sun to heavy shade
- Partial shade is optimal
- Soil adaptable, somewhat salt tolerant
- Problems include invasive tendencies
- Best used for decoration, as groundcover, as a wall covering, for shady locations

Source: www.hort.uconn.edu/plants/detail.php?pid=202

Location: ABL Courtyard
5 factors of Soil formation:
- time
- topo
- climate
- biota
- parent material

Horizons: OAEBCR
- Organic
- Matter
- Transition
- Rock

Orders:
- Gelisol
- Histosol
- Spodosol
- Andisol
- Oxisol
- Vertisol
- Aridisol
- Ustisol
- Alisol
- Mollisol
- Inceptisol
- Entisol

Pedoturbation: mixing of soils by animals

Types of Rock:
- Metamorphic
- Igneous
- Sedimentary

Pedon: smallest volume of a soil

Transported:
- Alluvial
- Lacustrine
- Eolian
- Glacial till
- Glacial outwash

Mountain Laurel (Kalmia latifolia)
- Hardiness Zone 5
- Rounded, dense habit
- Broadleaf evergreen
- Native to Northeast US
- Requires part shade to full sun
- Cool, moist, acidic, well drained, organic soil
- Foundation planting
- Problematic in wind swept sites and the rooting of certain cultivars.

Source: www.hort.uconn.edu/plants/detail.php pid=236

Connecticut's State Plant

5'-12' tall
Black-Eyed Susan
_Rudbeckia hirta_

- Hardiness Zone 3-9
- Sunflower-like flowering plant
- Wildflower
- Requires full sun, tolerates partial sunlight
- Requires moist, well drained soils
- Nice multi-use plant, good for cuttings
- Problems are its territorial nature and is susceptible to pests, mildew, rust, etc.

Source: https://www.almanac.com/plant/black-eyed-susans
Acer platanoides  Norway Maple

Habitat: Native to Europe, hardy to zone 3, invasive to CT

Form: Medium to large shade tree, deciduous, rounded crown

Location: Next to the mirror lake

Flower: Blooms in April, small, yellow-green flowers

Fruit: Samaras, 1.5” to 2”

Source: UConn Plant Database
Common Witchhazel
Hamamelis virginiana

Family: Hamamelidaceae
Order: Saxifragales

Landscape Uses
- borders
- naturalistic areas
- late bloom effect
- fragrance
- shady areas
- fall color
- wind breaks
- hedges

Fruit
- capsules take 1 year to mature
- seeds expelled in the fall

Flowers
- spider-like, crinkled petals
- light, spicy fragrance
- last woody plant to flower
- bloom- October & November after foliage drops

Location: Near Family Studies Building

eastern & central US native
understory small tree/deciduous shrub
zone 4 or 3 (maybe)
10'-15' tall, could be 30'
almost as wide as height
multi-stemmed
loose & open form

Summer Foliage
- alternate leaves
- 2" to 6" long
- 2" to 3.5" wide
- bright to dark green

Autumn Foliage
- often showy

Likes
- full sun to part shade
- moist, cool, acidic soil
- partly pollutant tolerant
- relatively trouble-free

Liabilities
- horned gall on foliage

Propagation
- by seed
- cuttings are difficult
- can be grafted for vegetative propagation

Website: UConn Plant Database
Ginkgo biloba - Ginkgo

- Hardiness Zone 3-8
- Shade tree
- Ornamental tree
- Height of 25' - 50'
- Spread of 25' - 35'
- Medium growth rate
- Full sun and partial shade
- Grows in acidic, alkaline, loamy, moist, rich, sandy, silt loam, well-drained, wet and clay soils.

Kalmia latifolia - Mountain Laurel
- Mirror Lake
- 2/11/19
- Broadleaf evergreen shrub
- 7-15' tall and 7-15' spread at maturity
- Less than 12'' of growth per year
- Needs a minimum of 6-8 hours of sun every day
- Acidic, Alkaline, loamy, moist, rich, sandy and well drained soils
- Flower can be white to pink-rose to deep rose with a unique purple marking
- May to June bloom
- State plant
- Hardiness Zones 4-9

Seed

Flower and Leaf

DAN
Pinus pinea - Stone Pine

Pinaceae family

Zones 7-11

Athens, GA

DAN

Buddleia davidii - Butterfly Bush

- Shrub
- Full sun
- Any soil type
- Summer, Full bloom time
- Pink, purple, red, white, yellow
- Flower colors
- Hardiness Zones 5-10
- Attracts birds, and butterflies

Near Banana Building
Dan D'Angelo
4/16/2019
SALVIA

Salvia spp

Sun Exp: Full Sun
Soil pH: Slightly Acidic to Neutral / well-drained
Bloom time: Spring, Summer, Fall
Hardiness Zone: 5, 6, 7, 8, 9
Flower Color: Blue, Green, Pink, Purple, Red, White, Yellow
Attracts: Pollinators
Deer / Rabbit Resistant

Design Tips:
- play well with plants
- have bolder foliage and larger flowers
- Salvia with pleasant-scented foliage near edge of a patio or patio to enjoy the fragrance
- perennial borders, butterfly gardens, cottage garden

Located: Home Backyard Long Island, NY

www.GardenDesign.com