



The New York Botanical Garden
The Urban Botanist Course, NYU 2025

Papaveraceae

Scientific name: *Dicentra eximia*

Determined by: Staff at Madison Square Park and app
iNaturalist

Origin of material: Cultivated in Madison Square Park

Location: (40.7424221, -73.9870264)

Habitat: In the "Let It Grow" section of Madison Square
Park, a fenced area designated for unmanaged native
plant growth. Surrounded sparsely by other low growing
herbaceous plants and some moss.

Plant description: Low growing herbaceous plants
growing in clusters. Leaves are fresh green, soft, and
feathery. Small, pink-purple, and tube-shaped flowers
with some petals sticking out and curving backward were
growing in small clusters at the top of some green stems.

Date of collection: 2025/04/18

Collector name & Collection number: Tianai Huang,
Collection #10
NYdb

The New York Botanical Garden
Methods in Urban Field Botany, NYU 2025

Aquifoliaceae

Ilex verticillata

det. Jojo Wren, 2025

United States of America. New York. Manhattan.
New York City, Grounds of Madison Square Park,
North East corner between E 26th St. and Madison
Ave.
40.74257°N, 73.98696°W

Cultivated environment, along a fence and near a
sidewalk. A few sparrows around and in the plants.
Various trees and shrubs surround the partly shaded
area.

Shrub, 1.21 m tall; shiny, green, spikey leaves; dark
brown woody stem; a few red berry clusters.

18 April 2025
Jojo Wren 9

NYdb





The New York Botanical Garden
The Urban Botanist Course, NYU 2024

Dryopteridaceae

Scientific name: *Athyrium niponicum*

Determined by: Madison Square Park Staff, 2025

Origin of material: cultivated in Madison Square Park

Location: United States of America. New York.

Manhattan Co. New York City, Madison Square Park, S
of East 26th Street, W of Madison Avenue
40.74255° N, 73.98700° W

Habitat: Formerly cultivated garden allowed to grow
without interference, only grasses and other ferns
immediately nearby

Plant description: 10 cm tall, purple stems, leaves white
closest to the stem, turning dark green at edges. As leaves
start to die they turn purple

Date of collection: April 18, 2025

Collector & Collection number: Anabelle Kluge 9

The New York Botanical Garden
Methods in Urban Field Botany, NYU 2025

Asparagaceae

Chionodoxa luciliae

det. Jojo Wren, 2025

United States of America. New York. Manhattan.
New York City, Grounds of Madison Square Park,
North East corner between E 26th St. and Madison
Ave.
40.74256°N, 73.98687°W

Cultivated environment near sidewalk. Shady area
under and between various trees and shrubs.

Herbaceous perennial, 0.15 m tall; small, light
blue-purple petals with white center; flowers are in
bloom; green linear leaves; one to two flowers per
stem.

18 April 2025
Jojo Wren 4

NYdb





The New York Botanical Garden
The Urban Botanist Course, NYU 2024

Roseaceae

Scientific name: *Kerria japonica*

Determined by: iNaturalist, 2025

Origin of material: cultivated in Madison Square Park

Location: United States of America. New York.

Manhattan Co. New York City, Madison Square Park, S
of East 26th Street, W of Madison Avenue
40.74227° N, 73.98719° W

Habitat: Formerly cultivated garden allowed to grow
without interference, directly beside the park fence

Plant description: 1.6 m tall, herbaceous stems, doubly
serrate leaf margins, bright green abaxial and adaxial, bright
yellow flowers

Date of collection: April 18, 2025

Collector & Collection number: Anabelle Kluge 7



The New York Botanical Garden
The Urban Botanist Course, NYU 2024

Papaveraceae

Scientific name: *Lamprocapnos spectabilis*

Determined by: Joyce Onyenedum, 2025

Origin of material: cultivated in Madison Square Park

Location: United States of America. New York.

Manhattan Co. New York City, Madison Square Park, S
of East 26th Street, W of Madison Avenue
40.74243° N, 73.98716° W

Habitat: Formerly cultivated garden allowed to grow
without interference, near Hydrangeaceae

Plant description: herbaceous plant, leaves palmately
divided, bright green adaxial, slightly paler abaxial, bright
pink flowers shaped like heart, pink teardrop shape at tip of
flower with white fin-shape

Date of collection: April 18, 2025

Collector & Collection number: Anabelle Kluge 8



The New York Botanical Garden
The Urban Botanist Course, NYU 2024

Hydrangeaceae

Scientific name: *Hydrangea* sp.

Determined by: iNaturalist, 2025

Origin of material: cultivated in Madison Square Park

Location: United States of America. New York.

Manhattan Co. New York City, Madison Square Park, S
of East 26th Street, W of Madison Avenue
40.74278° N, 73.98714° W

Habitat: Formerly cultivated garden allowed to grow
without interference

Plant description: bush 1 m tall, light brown periderm,
leaves are simple opposite, bright green and pale green
almost white, no flowers bloomed

Date of collection: April 18, 2025

Collector & Collection number: Anabelle Kluge 6

NYdb



The New York Botanical Garden
The Urban Botanist Course, NYU 2025

Umbellifers

Scientific name: *Zizia aurea*

Determined by: Staff at Madison Square Park and app
iNaturalist

Origin of material: Cultivated in Madison Square Park

Location: (40.7425138, -73.9870258)

Habitat: In the "Let It Grow" section of Madison Square
Park, a fenced area designated for unmanaged native
plant growth. Receiving ample sunlight. Soil covered
with fallen leaves and sparse vegetations.

Plant description: A low-growing green herbaceous
plant. Leaves with toothed margins. Clusters of small,
bright yellow flowers at the top of stems were beginning
to bloom at the time of collection. Stems are smooth and
slender.

Date of collection: 2025/04/18

Collector name & Collection number: Tianai Huang,
Collection #5
NYdb



The New York Botanical Garden
The Urban Botanist Course, NYU 2025

Saxifragaceae

Scientific name: *Heuchera villosa* Palace Purple
Determined by: Staff at Madison Square Park and app
iNaturalist

Origin of material: Cultivated in Madison Square Park
Location: (40.7426730, -73.9868933)

Habitat: In the "Let It Grow" section of Madison Square
Park, a fenced area designated for unmanaged native
plant growth. Grown beside *Rubus odoratus*, and with
soil covered with fallen leaves. Sunlight maybe a little
blocked by *Rubus odoratus* as it is taller.

Plant description: Low growing, dark purple (maybe a
little greenish too if look closely) herbaceous plant.
Leaves are a little maple shaped in dense clusters. Newer
leaves are glossy. Some leaves are glossy in the middle
and matte on the edge. Stems are hairy and reddish.

Date of collection: 2025/04/18

Collector name & Collection number: Tianai Huang,
Collection #7
NYdb

The New York Botanical Garden
The Urban Botanist Course, NYU 2025

Asparagaceae

Scientific name: *Scilla siberica*

Determined by: Staff at Madison Square Park and app
iNaturalist

Origin of material: Cultivated in Madison Square Park

Location: (40.7423741, -73.9870455)

Habitat: In the "Let It Grow" section of Madison Square
Park, a fenced area designated for unmanaged native
plant growth. Growing with other *Scilla siberica* with
soil covered with fallen leaves.

Plant description: Low growing. Leaves are long,
narrow, dark green, and grass-like hanging out from the
base. Leaves are smooth with parallel lines running
lengthwise. Small, blue flowers growing from the middle
of the cluster of leaves facing down with roughly 5
petals.

Date of collection: 2025/04/18

Collector name & Collection number: Tianai Huang,
Collection #9
NYdb





The New York Botanical Garden
The Urban Botanist Course, NYU 2025

Amblystegiaceae

Hygroamblystegium varium H.
det. Kg Giroux, 2025

United States of America. New York. New York City, NE
corner of Madison Square Park.

40.74268°N, 73.98680°W

Weedy, fenced-off public park bed with abundant *Potentilla* and a
planted *Kousa* dogwood.

Moss 0.5 cm tall, alive and healthy, abundant gametophyte
structures with 8-12 sporophytes.

18 Apr 2025

Kg Giroux

#009

NYdb



The New York Botanical Garden
Methods in Urban Field Botany, NYU 2025

Papaveraceae

Lamprocapnos spectabilis

det. Jojo Wren, 2025

United States of America. New York. Manhattan.
New York City, Grounds of Madison Square Park,
North East corner between E 26th St. and Madison
Ave.
40.74242°N, 73.98694°W

Cultivated environment with planted *Hydrangea*,
Narcissus, and other shrubs. Sunny area near a
walkway.

Herbaceous perennial, 0.33 m tall; pink and white
heart-shaped flowers, some in bloom and some
budding; compound, biternate leaf blade shape;
opposite leaf structure; reddish-green stem.

18 April 2025
Jojo Wren 8

NYdb

The New York Botanical Garden
Methods in Urban Field Botany, NYU 2025

Ginkgoaceae

Ginkgo biloba

det. Jojo Wren, 2025

United States of America. New York. Manhattan.
New York City, Grounds of Madison Square Park,
North East corner between E 26th St. and Madison
Ave.
40.74243°N, 73.98687°W

Cultivated environment, planted slightly under the
cover of a *Hydrangea* with surrounding Poaceae. Area
partly shaded.

Tree, 0.21 m tall; juvenile sapling with a greenish
brown woody trunk; green, flat, fan-shaped leaves;
whorled leaf structure.

18 April 2025
Jojo Wren 2

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The New York Botanical Garden
Methods in Urban Field Botany, NYU 2025

Ranunculaceae

Helleborus orientalis

det. Jojo Wren, 2025

United States of America. New York. Manhattan.
New York City, Grounds of Madison Square Park,
North East corner between E 26th St. and Madison
Ave.
40.74247°N, 73.98732°W

Cultivated environment next to a fence near a
walkway. Various trees and other *Helleborus orientalis*
planted nearby. Partly shaded area with some squirrels
and sparrows.

Herbaceous perennial, 0.39 m tall; flowering, dark
purple petals; green leaves and stems; serrated leaves
in whorled structure.

18 April 2025
Jojo Wren 10

NYdb