



Newark Street Tree ID Part 1



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Newark Street Tree ID Part 1

SIMPLE OPPOSITE

- Maples
 - Red maple
 - Silver maple



SIMPLE ALTERNATE

- London plane tree
- Lindens
 - Basswood
 - Little leaf linden



COMPOUND

- Honey locust



LEAVES

- Opposite
- Palmately veined
- Palmately lobed
- Pointed lobes
- Long petiole



LEAF BUDS

- Pointed, larger terminal bud
- Smaller lateral buds, opposite



BARK

- Grey
- Young = Smooth
- Old = Textured w/ flat ridges & furrows



FLOWERS

- Tiny
- In clusters
- Late winter (red) or mid-spring (light green)



FRUIT

- Paired Seeds
- Samaras

SPRING SAMARAS



FALL SAMARAS



TWIGS

- Straight
- Glossy
- Lenticels



Red Maple - *Acer rubrum*

BARK

LEAVES

FLOWER BUDS

LEAF BUDS

FORM & FALL COLOR

FLOWERS

FRUIT

KEY FEATURES

ARRANGEMENT: Opposite

LEAVES: toothed margin, 3-5 pointed lobes, palmate venation, red in fall

BUDS: small, red, w/ symmetrical scales, leaf bud=pointy, flower bud=round

TWIG: 1st yr red turning grey

BARK: grey, 3 stages smooth → cracking → flat scraggy ridges

FLOWERS: tiny, red

FRUIT: Spring, small samaras bent downward (biker mustache)

FORM: Canopy Shade Tree

WINTER FEATURES - IS THIS RED MAPLE - *Acer rubrum*???

No, - Silver Maple - *Acer saccharinum*

CANOPY →

OPPOSITE BRANCHING

MANY RED FLOWER BUDS

THEY LOOK ALMOST the SAME in WINTER!

← TRUNK

GREYISH

SCALY

DEEN

FLAT RIDGES

Silver Maple - *Acer saccharinum*

BARK

LEAVES

FLOWER BUDS

LEAF BUDS

FORM & FALL COLOR

FLOWERS

FRUIT

KEY FEATURES

ARRANGEMENT: Opposite

LEAVES: toothed margin, 3-5 pointed lobes

- long leaf, deeply lobed
- silvery white underside
- yellowish fall color

BUDS: small, red, w/ symmetrical scales, leaf buds pointed, flower buds rounded

TWIG: 1st yr red turning grey

BARK: grey, 3 stages, mature bark peels, vertically scaly - stripy

FLOWERS: tiny, red

FRUIT: Spring, long samaras bent downward

FORM: Canopy Shade tree
Can be "weirder" when large

BRANCH & CANOPY

WINTER TWIGS & HANGING FRUIT

BARK

LEAVES

BUDS

SEED

FRUIT

London Planetree – *Platanus x hispanica*

Formerly *Platanus x acerifolia* Hybrid of *P. occidenalis* x *P. orientalis*

KEY FEATURES

ARRANGEMENT: Alternate

LEAVES: Wide/Large, 3-5 lobes, Coarsely toothed, Palmate venation

BUDS: Triangular, single cap, Green- turning red
GNOME HAT

TWIG: Zig zag, stout, greenish to Light Brown.

BARK: Mottled & Exfoliating, Creamy-chartreuse & olive-tan to light brown patches

Mature → lumpy trunk

FLOWERS: Inconspicuous, green, occur w/ leaves

FRUIT: 1 or 2 spherical "disco balls" on 3"- 6" stalk, full of many seeds, each w/ leathery "pooF"
- late autumn to winter

FORM: Canopy Shade Tree

LEAVES

- Alternate
- Heart-shaped
- Unequal Base
- Toothed

LEAF BUDS

- Alternate
- Lo o-side d

TWIGS

- Zig-Zag or Curved
- Glossy

FLOWERS

- Hanging clusters
- Pale Yellow
- W/ Leafy Wing
- Summer

BARK

- Grey
- Young = Smooth
- Old = Textured w/ flat ridges & narrow furrows

FRUIT

- Round
- Hanging cluster
- On long stalk
- W/ Leafy Wing

Lindens

Tilia cordata
Tilia americana
Tilia tomentosa

Little Leaf Linden

Tilia cordata
Origin – Europe

LEAVES: 1.5-3.5" Long

FORM: Canopy Shade Tree (old plantings)
OR
Mid-size, Densely Branched, Newer Cultivars:
Example: "Green Spire" Little Leaf Linden
Structural Pruning Required for Longevity

American Linden

AKA Basswood
Tilia americana

LEAVES: 5-6" Long

FORM: Canopy Shade Tree

3

CLOSE YOUR WORKBOOKS

CHECK YOUR ID SKILLS!


