

Scientific Name: *Platanus x acerifolia*

Common Name: London Planetree

Environmental Conditions:

Hardiness Zone: 5b

Soil Moisture:

VERY WET			VERY DRY								
occasionally saturated or very wet soil			consistently moist, well drained soil			occasional periods of dry soil			prolonged periods of dry soil		
2	3	4	5	6	7	8	9	10	11	12	

Sun/Shade: full sun

Salt: some observed tolerance

pH: ≤ 8.2

Insect/Disease Factors: over planting has encouraged disease and insect problems, of those cankerstain, anthracnose (hybrid shows considerable variation in resistance, 'Columbia' & 'Liberty' resistant to eastern strains, 'Bloodgood' moderately resistant to eastern strains, **Metroshade**TM reportedly resistant to eastern strains, and 'Yardwood' is likely resistant to eastern strains) and powdery mildew ('Yardwood' resistant, **Metroshade**TM reportedly resistant, conflicting reports on 'Columbia', 'Liberty', and 'Bloodgood') are common

Growth Characteristics:

Height: 70'-100'

Width: 65'-80'

Form/Habit: pyramidal when young, open and spreading with age, develops massive branches

Rate: medium

Ornamental Characteristics:

Flower: not ornamentally important

Fruit: 1" globe-shaped (syncarp), pendulous, on long stalks, mostly in pairs, persist into winter

Seasonal Foliage Color: medium to dark green in summer, yellow-brown in fall

Bark: extremely showy, mottled with cream, olive, and light brown colors

Transplant Issues: easy to transplant B&B or ≤ 2 " caliper bare root

Management Issues: frost cracking is common, roots will heave sidewalks, bark/leaf/fruit litter may be a nuisance

Suggested Uses: wide street tree lawns/pits or parks due to size, suitable for CU-Structural SoilTM

Cultivars: 'Bloodgood' (tolerates severe pruning, fast growing), 'Columbia' (zone 6, more deeply lobed leaves), 'Liberty', **Metroshade**TM ('Metzam', cinnamon colored new growth), 'Yardwood' (possibly not as hardy, reportedly only into zone 6, fast growing, bark exfoliates at younger age)



'Bloodgood'