

Scientific Name: *Metasequoia glyptostroboides*

Common Name: Dawn Redwood

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: unknown

pH: ≤ 8.2

Insect/Disease Factors: none serious or limiting, although mites can cause defoliation under drought stress

Growth Characteristics:

Height: 70'-100'

Width: 25'-50'

Form/Habit: pyramidal, single straight trunk, tapered with a buttressed base, develops an irregular fluted character and armpit-like depressions below the branch attachments to central leader

Rate: fast

Ornamental Characteristics:

Flower: not ornamentally important

Fruit: 1" pendulous cones

Seasonal Foliage Color: bright green in summer, brown in fall, often pinkish/orange-brown to red-brown

Bark: reddish brown, fissured, finely shredding and exfoliating

Transplant Issues: easy to transplant B&B

Management Issues: lower branch attachments would require removal for typical street tree use

Suggested Uses: exceptionally wide street tree lawns/pits with pruning or parks due to size, low branching, and drought sensitivity

Cultivars: very limited availability, 'National' and 'Sheridan Spire' were selected for narrow growth habits, 'Sheridan Spire' is likely more upright, compact and columnar growing than 'National', 'National' may be more susceptible to canker problems than species

