

Platanus orientalis

(Asian Planetree)

This plant has spreading tall branches that are covered in flaking grey and tan bark. It is also called as the Asian planetree and it is a native of southeastern Europe/Asia. Deciduous and tall, this tree historically became famous for its characteristic of a shady tree in the Middle East.

Unfolding to a large, narrowed semi-glossy blades, the leaves emerge in spring. They have a color of bright, pale green and many-teethed lobes that number between three and five. First the leaves emerge and then the flower clusters appear. The flowers are monoecious colored salmon and appear in clusters across branches. It has a large teardrop shape with vertically held flattened branchlets. Mostly the young plants can be seen as shrubs but it can be pruned into a small tree by eliminating the small branches.



Plant Image

Landscape Information

French Name: Platane d'Orient

Arabic Name: دلب مشرقى

Pronunciation: PLAT-uh-nus or-ee-en-TAY-liss

Plant Type: Tree

Origin: Europe/Southern Asia

Heat Zones: 5, 6, 7, 8, 9

Hardiness Zones: 3, 4, 5, 6, 7, 8

Uses: Specimen, Border Plant, Shade, Street

Size/Shape

Growth Rate: Fast

Tree Shape: Pyramidal, Round

Canopy Symmetry: Symmetrical

Canopy Density: Medium

Canopy Texture: Coarse

Height at Maturity: 8 to 15 m, 15 to 23 m, Over 23

Spread at Maturity: 8 to 10 meters, 10 to 15 meters, Over 15 meters

Time to Ultimate Height: 20 to 50 Years

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Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Palmate

Leaf Persistence: Deciduous

Leaf Type: Simple

Leaf Blade: 10 - 20

Leaf Shape: Ovate

Leaf Margins: Lobate, Incised

Leaf Textures: Coarse

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Yellow

Flower

Flower Showiness: False

Flower Size Range: 0 - 1.5

Flower Type: Spike

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: No Fragrance

Flower Color: Orange, Brown

Seasons: Spring

Trunk

Trunk Has Crownshaft: False

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Showy, Rough Texture

Fruit

Fruit Showiness: True

Fruit Size Range: 1.5 - 3

Fruit Colors: Brown

Seasons: Spring

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Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: Yes

Drought Tolerant: Yes

Requirements

Soil Requirements: Clay, Loam, Sand

Soil Ph Requirements: Acidic, Alkaline

Water Requirements: Moderate

Light Requirements: Full, Part

Management

Invasive Potential: No

Susceptibility to Pests and Diseases: Yes

Pruning Requirement: Little needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: Yes

Surface Rooting: Yes

Life Span: 25-50 years

Diseases: Canker, Blights, Antracnose, Fungus

Edible Parts: None

Pests: Mites, Lace bug

Plant Propagations: Cutting

MORE IMAGES



Fruit Image



Bark Image



Other Image