Platanus orientalis

Habitus and growth type

Plant height [m]: **23.54**
Life span: **Perennial**
Life form: **Phanerophyte, Tree**

Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**
Leaf phenology (woody plants only): **Winter deciduous**
Specific leaf area [mm^2/mg]: **7.57**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **4.1**
Dispersal mode: **Anemochory, Anthropochory**
Dispersal distance class: **4, 7**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Wet**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.7**
Temperature indicator value: **8.8**
Moisture indicator value: **7.3**
Reaction indicator value: **6.3**
Nutrient indicator value: **5.3**
Salinity indicator value: **0**

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Disturbance indicator values

Disturbance frequency: **0.3**
Disturbance frequency (herb layer): **1.65**
Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.39**
Mowing frequency: **0.01**
Grazing pressure: **0.21**
Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **HA (POP) *Alno glutinosae-Populetea albae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **T14 Mediterranean and Macaronesian riparian forest**
Constant species of EUNIS habitats: **T14 Mediterranean and Macaronesian riparian forest**
Dominant species of EUNIS habitats: **T14 Mediterranean and Macaronesian riparian forest**

Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Forest**

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