

# *Acer pseudoplatanus*

## Habitus and growth type

Plant height [m]: **27.73**

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<sup>2</sup>/mg]: **18.18**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **105.92**

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: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **4.7**

Reaction indicator value: **5.8**

Nutrient indicator value: **6.6**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.07**

Disturbance frequency (herb layer): **1.32**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.17**

Mowing frequency: **0.02**

Grazing pressure: **0.18**

Soil disturbance: **0.11**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) \*Carpino-Fagetea sylvaticae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T17 \*Fagus forest on non-acid soils\*](#), [T1F \*Ravine forest\*](#)

Constant species of EUNIS habitats: [N1D \*Atlantic and Baltic broad-leaved coastal dune forest\*](#), [S37 \*Corylus avellana scrub\*](#), [S38 \*Temperate forest clearing scrub\*](#), [T12 \*Alnus glutinosa-Alnus incana forest on riparian and mineral soils\*](#), [T13 \*Temperate hardwood riparian forest\*](#), [T17 \*Fagus forest on non-acid soils\*](#), [T18 \*Fagus forest on acid soils\*](#), [T1E \*Carpinus and Quercus mesic deciduous forest\*](#), [T1F \*Ravine forest\*](#), [T1H \*Broadleaved deciduous plantation of non site-native trees\*](#), [T31 \*Temperate mountain Picea forest\*](#), [T32 \*Temperate mountain Abies forest\*](#), [T36 \*Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest\*](#), [T3C \*Taxus baccata forest\*](#)

Dominant species of EUNIS habitats: [T1F \*Ravine forest\*](#)

### Broad habitat

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

## Distribution

Continentality: **5**

Continentality amplitude: **3**