

# *Ulmus laevis*

## Habitus and growth type

Plant height [m]: **23.19**

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]: **37.1**

## Flower

Flowering period: **February-April**

## Fruit, seed and dispersal

Seed mass [mg]: **7.12**

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: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **4.5**

Moisture indicator value: **7.6**

Reaction indicator value: **7**

Nutrient indicator value: **7**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.09**  
Disturbance frequency (herb layer): **1.46**  
Disturbance severity: **0.7**  
Disturbance severity (herb layer): **0.27**  
Mowing frequency: **0.01**  
Grazing pressure: **0.2**  
Soil disturbance: **0.11**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CF \(ROB\) Robinietaea](#), [HA \(POP\) Alno glutinosae-Populetea albae](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T11 Temperate Salix and Populus riparian forest](#), [T13 Temperate hardwood riparian forest](#)

### Broad habitat

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

## **Distribution**

Continentality: **6**  
Continentality amplitude: **5**