

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 [mm²/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 \(ROB\) Robinietea](#), [HA \(POP\) Alno glutinosae-Populetea albae](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [T13 Temperate hardwood riparian forest](#)

Constant species of EUNIS habitats: [T13 Temperate hardwood riparian forest](#)

Broad habitat

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

Distribution

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