Tilia platyphyllos

Habitus and growth type

Plant height [m]: **29.87**
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]: **21.83**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

Seed mass [mg]: **139.35**
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: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Temperature indicator value: **5.9**
Moisture indicator value: **5.1**
Reaction indicator value: **7.3**
Nutrient indicator value: **6.3**
Salinity indicator value: **0**

Disturbance indicator values

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Disturbance frequency: **0.05**
Disturbance frequency (herb layer): **1.31**
Disturbance severity: **0.7**
Disturbance severity (herb layer): **0.15**
Mowing frequency: **0**
Grazing pressure: **0.16**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CA (FAG) *Carpino-Fagetea sylvaticae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **T1F Ravine forest**, **T3C Taxus baccata forest**
Constant species of EUNIS habitats: **T1F Ravine forest**, **T3C Taxus baccata forest**
Dominant species of EUNIS habitats: **T1F Ravine forest**

Broad habitat

Occurrence in broad habitats: **Wetland, Forest, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **5**
Continentality amplitude: **3**

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