Ailanthus altissima

Habitus and growth type

Plant height [m]: **21.46**
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]: **17.78**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **29.22**
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: **Neophyte**

Ecology

Environmental relationships

Substrate humidity relationship: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.1**
Moisture indicator value: **5.1**
Reaction indicator value: **6.3**
Nutrient indicator value: **7.2**
Salinity indicator value: **0.3**

Disturbance indicator values

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Disturbance frequency: **0.33**
Disturbance frequency (herb layer): **1.43**
Disturbance severity: **0.76**
Disturbance severity (herb layer): **0.39**
Mowing frequency: **0.15**
Grazing pressure: **0.19**
Soil disturbance: **0.28**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CF (ROB) *Robinietea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **T1H Broadleaved deciduous plantation of non site-native trees**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest**

Distribution

Continentality amplitude: **5**

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