Alnus cordata

Habitus and growth type

Plant height [m]: **16.26**
Life span: **Perennial**
Life form: **Phanerophyte, Tree**

Flower

Flowering period: **February-April**

Fruit, seed and dispersal

Seed mass [mg]: **3.54**
Dispersal mode: **Dyszoochory**
Dispersal distance class: **6**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **symbiosis with frankia**

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: **7.5**
Temperature indicator value: **6.3**
Moisture indicator value: **6.5**
Reaction indicator value: **6.5**
Nutrient indicator value: **6.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.06**
Disturbance frequency (herb layer): **1.3**
Disturbance severity: **0.7**
Disturbance severity (herb layer): **0.16**

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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: **T1G Alnus cordata forest**
Constant species of EUNIS habitats: **T1G Alnus cordata forest**
Dominant species of EUNIS habitats: **T1G Alnus cordata forest**

Broad habitat

Occurrence in broad habitats: **Forest**

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