

# *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**

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**