

# *Robinia pseudoacacia*

## Habitus and growth type

Plant height [m]: **19.69**

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<sup>2</sup>/mg]: **17.9**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **19.5**

Dispersal mode: **Anemochory, Anthropochory**

Dispersal distance class: **4, 7**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **symbiosis with rhizobia**

## Taxon origin

Origin in Europe: **neophyte**

## Ecology

Environmental relationships

Substrate humidity relationship: **Dry**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **5.9**

Moisture indicator value: **4.4**

Reaction indicator value: **6.4**

Nutrient indicator value: **7.5**

Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **0.13**  
Disturbance frequency (herb layer): **1.36**  
Disturbance severity: **0.76**  
Disturbance severity (herb layer): **0.23**  
Mowing frequency: **0.05**  
Grazing pressure: **0.2**  
Soil disturbance: **0.2**

## Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CF \(ROB\) Robinietaea](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [T1H Broadleaved deciduous plantation of non site-native trees](#)

Constant species of EUNIS habitats: [T1H Broadleaved deciduous plantation of non site-native trees](#)

Dominant species of EUNIS habitats: [T1H Broadleaved deciduous plantation of non site-native trees](#)

Broad habitat

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

## Distribution

Continentality: 7

Continentality amplitude: 4