# *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 [$mm^2$/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

*© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz*

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) *Robinietea***

### 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**

*© 2014-2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz*