# *Acacia dealbata*

## Habitus and growth type

Plant height [m]: **15.78**
Life span: **Perennial**
Life form: **Phanerophyte, Tree**

## Flower

Flowering period: **January-March**

## Fruit, seed and dispersal

Seed mass [mg]: **12.54**
Dispersal mode: **Myrmecochory, Anthropochory**
Dispersal distance class: **3, 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: **Mesic**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.5**
Temperature indicator value: **8.7**
Moisture indicator value: **5**
Reaction indicator value: **5.5**
Nutrient indicator value: **4**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.2**
Disturbance frequency (herb layer): **1.36**
Disturbance severity: **0.72**
Disturbance severity (herb layer): **0.29**

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Mowing frequency: **0.11**
Grazing pressure: **0.22**
Soil disturbance: **0.18**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **CC (QUE) *Quercetea robori-petraeae***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **T29 Broadleaved evergreen plantation of non site-native trees**

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Scrub, Forest**

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