

# *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**

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](#)

### Broad habitat

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