

# *Celtis australis*

## Habitus and growth type

Plant height [m]: **12.96**

Life span: **Perennial**

Life form: **Phanerophyte, Tree**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **17.6**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **206.78**

Dispersal mode: **Dyszoochory, Anthropochory**

Dispersal distance class: **6, 7**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Taxon origin

Origin in Europe: **Native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.5**

Temperature indicator value: **8.8**

Moisture indicator value: **3.5**

Reaction indicator value: **7.3**

Nutrient indicator value: **4.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.1**  
Disturbance frequency (herb layer): **1.33**  
Disturbance severity: **0.68**  
Disturbance severity (herb layer): **0.17**  
Mowing frequency: **0.02**  
Grazing pressure: **0.22**  
Soil disturbance: **0.11**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CB \(PUB\) Quercetea pubescentis](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T22 Mainland laurophyllous forest](#)

Constant species of EUNIS habitats: [T22 Mainland laurophyllous forest](#)

### Broad habitat

Occurrence in broad habitats: **Scrub, Forest, Sparsely vegetated (incl. rock and scree)**