# *Quercus crenata*

## Habitus and growth type

Plant height [m]: **24.21**
Life span: **Perennial**
Life form: **Phanerophyte, Tree**

## Flower

Flowering period: **March-April**

## Fruit, seed and dispersal

Dispersal mode: **Dyszoochory**
Dispersal distance class: **6**

## 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: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **7.5**
Moisture indicator value: **4**
Reaction indicator value: **6**
Nutrient indicator value: **5**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0**
Disturbance frequency (herb layer): **1.3**
Disturbance severity: **0.7**
Disturbance severity (herb layer): **0.1**
Mowing frequency: **0**

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Grazing pressure: **0.22**
Soil disturbance: **0.1**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **CB (PUB) *Quercetea pubescentis***

### Broad habitat

Occurrence in broad habitats: **Forest**

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