# *Quercus cerris*

## Habitus and growth type

Plant height [m]: **28.23**
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]: **11.96**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **2934.25**
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: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.4**
Temperature indicator value: **7.6**
Moisture indicator value: **4.4**
Reaction indicator value: **5.7**
Nutrient indicator value: **4.6**
Salinity indicator value: **0**

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### Disturbance indicator values

Disturbance frequency: **0.02**
Disturbance frequency (herb layer): **1.3**
Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.11**
Mowing frequency: **0.01**
Grazing pressure: **0.2**
Soil disturbance: **0.1**

## Habitat and sociology

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: **T19 Temperate and submediterranean thermophilous deciduous forest**, **T33 Mediterranean mountain Abies forest**
Constant species of EUNIS habitats: **T19 Temperate and submediterranean thermophilous deciduous forest**, **T1G Alnus cordata forest**, **T33 Mediterranean mountain Abies forest**
Dominant species of EUNIS habitats: **T19 Temperate and submediterranean thermophilous deciduous forest**

### Broad habitat

Occurrence in broad habitats: **Forest**

## Distribution

Continentality: **6**
Continentality amplitude: **3**

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