

# *Quercus pyrenaica*

## Habitus and growth type

Plant height [m]:

Life span: **Perennial**

Life form: **Phanerophyte, Tree**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **9.34**

## Fruit, seed and dispersal

Seed mass [mg]: **3.77**

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: **Mesic**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **6.5**

Moisture indicator value: **4.5**

Reaction indicator value: **3.5**

Nutrient indicator value: **2.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.16**

Disturbance frequency (herb layer): **1.32**

Disturbance severity: **0.61**

Disturbance severity (herb layer): **0.16**

Mowing frequency: **0.01**

Grazing pressure: **0.23**

Soil disturbance: **0.11**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) \*Carpino-Fagetea sylvaticae\*](#),  
[CC \(QUE\) \*Quercetea robori-petraeae\*](#)

### Broad habitat

Occurrence in broad habitats: **Forest**