

Quercus pyrenaica

Habitus and growth type

Plant height [m]:

Life span: **Perennial**

Life form: **Phanerophyte, Tree**

Leaf

Specific leaf area [mm²/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**