Quercus rotundifolia

Habitus and growth type

Plant height [m]:
Life span: **Perennial**
Life form: **Phanerophyte, Tree**
Spinescence: **not spinescent**

Leaf

Specific leaf area [mm^2/mg]: **5.15**

Fruit, seed and dispersal

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

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **8**
Moisture indicator value: **3**
Reaction indicator value: **6.5**
Nutrient indicator value: **3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.09**
Disturbance frequency (herb layer): **1.3**
Disturbance severity: **0.66**
Disturbance severity (herb layer): **0.14**

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Mowing frequency: **0.01**
Grazing pressure: **0.28**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FA (QUI) *Quercetea ilicis***

EUNIS habitat

Diagnostic species of EUNIS habitats: **T21 Mediterranean evergreen Quercus forest**
Constant species of EUNIS habitats: **T21 Mediterranean evergreen Quercus forest**
Dominant species of EUNIS habitats: **T21 Mediterranean evergreen Quercus forest**

Broad habitat

Occurrence in broad habitats: **Scrub, Forest**

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