Quercus congesta

Habitus and growth type

Plant height [m]: **15.87**
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: **Mesic**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**
Temperature indicator value: **7**
Moisture indicator value: **4.5**
Reaction indicator value: **5**
Nutrient indicator value: **4.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.02**
Disturbance frequency (herb layer): **1.3**
Disturbance severity: **0.68**
Disturbance severity (herb layer): **0.11**
Mowing frequency: **0**

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Grazing pressure: **0.23**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

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

EUNIS habitat

Diagnostic species of EUNIS habitats: **T1D Southern European mountain Betula and Populus tremula forest on mineral soils**

Broad habitat

Occurrence in broad habitats: **Forest**

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