

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**

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**