Quercus pubescens

Habitus and growth type

Plant height [m]: **14.11**
Life span: **Perennial**
Life form: **Phanerophyte, Tree**
Spinescence: **not spinescent**

Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**
Leaf phenology (woody plants only): **Winter deciduous**
Specific leaf area [mm^2/mg]: **11.76**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **1151.88**
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: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.8**
Moisture indicator value: **3.9**
Reaction indicator value: **6.9**
Nutrient indicator value: **3.5**
Salinity indicator value: **0**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Disturbance indicator values

Disturbance frequency: **0.07**
Disturbance frequency (herb layer): **1.32**
Disturbance severity: **0.68**
Disturbance severity (herb layer): **0.14**
Mowing frequency: **0.03**
Grazing pressure: **0.23**
Soil disturbance: **0.11**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **S52 Submediterranean pseudomaquis**, **S53 Spartium junceum scrub**, **T19 Temperate and submediterranean thermophilous deciduous forest**, **T1A Mediterranean thermophilous deciduous forest**, **T21 Mediterranean evergreen Quercus forest**, **T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest**

Constant species of EUNIS habitats: **S52 Submediterranean pseudomaquis**, **S53 Spartium junceum scrub**, **T19 Temperate and submediterranean thermophilous deciduous forest**, **T1A Mediterranean thermophilous deciduous forest**, **T1G Alnus cordata forest**, **T21 Mediterranean evergreen Quercus forest**, **T22 Mainland laurophyllous forest**, **T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest**, **T3A Mediterranean lowland to submontane Pinus forest**, **T3C Taxus baccata forest**

Dominant species of EUNIS habitats: **T19 Temperate and submediterranean thermophilous deciduous forest**, **T1A Mediterranean thermophilous deciduous forest**

Broad habitat

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

Distribution

Continentality: **5**
Continentality amplitude: **4**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz