

# *Quercus coccifera*

## Habitus and growth type

Plant height [m]: **2.45**

Life span: **Perennial**

Life form: **Phanerophyte, Tree, Shrub**

Spinescence: **spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **5.82**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **3648.75**

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: **Dry**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Temperature indicator value: **9.3**

Moisture indicator value: **3.8**

Reaction indicator value: **5.7**

Nutrient indicator value: **4.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.14**

Disturbance frequency (herb layer): **1.42**  
Disturbance severity: **0.69**  
Disturbance severity (herb layer): **0.19**  
Mowing frequency: **0.02**  
Grazing pressure: **0.29**  
Soil disturbance: **0.13**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FA \(QUI\) \*Quercetea ilicis\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N1G Mediterranean coniferous coastal dune forest](#), [S63 Eastern garrigue](#), [T21 Mediterranean evergreen Quercus forest](#), [T38 Mediterranean montane Cedrus forest](#), [T3A Mediterranean lowland to submontane Pinus forest](#), [T3D Mediterranean Cupressaceae forest](#)

Constant species of EUNIS habitats: [N1G Mediterranean coniferous coastal dune forest](#), [S61 Western basiphilous garrigue](#), [S63 Eastern garrigue](#), [S72 Eastern Mediterranean spiny heath \(phrygana\)](#), [T1A Mediterranean thermophilous deciduous forest](#), [T21 Mediterranean evergreen Quercus forest](#), [T38 Mediterranean montane Cedrus forest](#), [T3A Mediterranean lowland to submontane Pinus forest](#), [T3D Mediterranean Cupressaceae forest](#)

Dominant species of EUNIS habitats: [T21 Mediterranean evergreen Quercus forest](#)

### Broad habitat

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