

Calicotome spinosa

Habitus and growth type

Plant height [m]:

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

Spinescence: **spinescent**

Leaf

Specific leaf area [mm²/mg]: **10.46**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **8.23**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **symbiosis with rhizobia**

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

Light indicator value: **8.5**

Temperature indicator value: **9**

Moisture indicator value: **3**

Reaction indicator value: **5**

Nutrient indicator value: **4**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.18**
Disturbance frequency (herb layer): **1.36**
Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.21**
Mowing frequency: **0.01**
Grazing pressure: **0.26**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

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

EUNIS habitat

Diagnostic species of EUNIS habitats: [S62 Western acidophilous garrigue](#), [T1A Mediterranean thermophilous deciduous forest](#)

Constant species of EUNIS habitats: [S62 Western acidophilous garrigue](#), [T1A Mediterranean thermophilous deciduous forest](#)

Broad habitat

Occurrence in broad habitats: **Scrub, Forest, Sparsely vegetated (incl. rock and scree)**