Calicotome spinosa

Habitus and growth type

Plant height [m]:
Life span: **Perennial**
Life form: **Phanerophyte, Shrub**
Spinescence: **spinescent**

Leaf

Specific leaf area [mm^2/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

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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)**

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