

Calicotome villosa

Habitus and growth type

Plant height [m]: **1.5**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

Spinescence: **spinescent**

Leaf

Specific leaf area [mm²/mg]: **13.9**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **7.16**

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: **7.7**

Temperature indicator value: **9**

Moisture indicator value: **3**

Reaction indicator value: **6**

Nutrient indicator value: **3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.36**
Disturbance frequency (herb layer): **1.41**
Disturbance severity: **0.71**
Disturbance severity (herb layer): **0.29**
Mowing frequency: **0.02**
Grazing pressure: **0.31**
Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [FA \(QUI\) *Quercetea ilicis*](#), [FB \(ROS\) *Ononido-Rosmarinetea*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [S63 Eastern garrigue](#)

Constant species of EUNIS habitats: [S51 Mediterranean maquis and arborescent matorral](#), [S54 Thermomediterranean arid scrub](#), [S63 Eastern garrigue](#), [S71 Western Mediterranean spiny heath](#), [S72 Eastern Mediterranean spiny heath \(phrygana\)](#), [T24 *Olea europaea*-*Ceratonia siliqua* forest](#)

Broad habitat

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