

Clematis vitalba

Habitus and growth type

Plant height [m]: **11.3**

Life span: **Perennial**

Life form: **Phanerophyte, Woody liana**

Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**

Leaf phenology (woody plants only): **Winter deciduous**

Specific leaf area [mm²/mg]: **24.69**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **2.59**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.9**

Temperature indicator value: **6.5**

Reaction indicator value: **7.3**

Nutrient indicator value: **6.3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.13**
Disturbance frequency (herb layer): **1.33**
Disturbance severity: **0.67**
Disturbance severity (herb layer): **0.2**
Mowing frequency: **0.04**
Grazing pressure: **0.2**
Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CD \(RHA\) *Crataego-Prunetea*](#), [CF \(ROB\) *Robinietea*](#), [HA \(POP\) *Alno glutinosae-Populetea albae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [S53 *Spartium junceum* scrub](#), [T14 *Mediterranean and Macaronesian riparian forest*](#), [T1G *Alnus cordata* forest](#), [T22 *Mainland laurophyllous forest*](#), [U72 *Unvegetated or sparsely vegetated gravel bar in the Mediterranean region*](#)

Constant species of EUNIS habitats: [S35 *Temperate and submediterranean thorn scrub*](#), [S53 *Spartium junceum* scrub](#), [T14 *Mediterranean and Macaronesian riparian forest*](#), [T19 *Temperate and submediterranean thermophilous deciduous forest*](#), [T1F *Ravine forest*](#), [T1G *Alnus cordata* forest](#), [T1H *Broadleaved deciduous plantation of non site-native trees*](#), [T22 *Mainland laurophyllous forest*](#), [T3C *Taxus baccata* forest](#), [U72 *Unvegetated or sparsely vegetated gravel bar in the Mediterranean region*](#)

Dominant species of EUNIS habitats: [T1G *Alnus cordata* forest](#)

Broad habitat

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

Distribution

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