

# *Calystegia silvatica*

## Habitus and growth type

Plant height [m]: **1.45**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte, Herbaceous liana**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **23.1**

## Flower

Flowering period: **March-October**

## Fruit, seed and dispersal

Seed mass [mg]: **29.19**

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

Dispersal distance class: **2**

## 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: **6.5**

Temperature indicator value: **9**

Moisture indicator value: **6**

Reaction indicator value: **7.3**

Nutrient indicator value: **7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.19**

Disturbance frequency (herb layer): **1.37**  
Disturbance severity: **0.65**  
Disturbance severity (herb layer): **0.24**  
Mowing frequency: **0.06**  
Grazing pressure: **0.19**  
Soil disturbance: **0.12**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [QG \(EPI\) Epilobietea angustifolii](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T14 Mediterranean and Macaronesian riparian forest](#), [T1G Alnus cordata forest](#)

### Broad habitat

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

## Distribution

Continentality: **5**

Continentality amplitude: **4**