Salvia officinalis

Habitus and growth type

Plant height [m]: **0.38**
Life span: **Perennial**
Life form: **Chamaephyte**
Spinescence: **not spinescent**

Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**
Leaf phenology (woody plants only): **Winter deciduous**
Specific leaf area [mm^2/mg]: **12.79**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Seed mass [mg]: **6.28**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **2, 7**

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: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.2**
Temperature indicator value: **7.3**
Moisture indicator value: **3.3**
Reaction indicator value: **7.5**
Nutrient indicator value: **1.8**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.43**
Disturbance frequency (herb layer): **1.5**
Disturbance severity: **0.65**
Disturbance severity (herb layer): **0.3**
Mowing frequency: **0.13**
Grazing pressure: **0.35**
Soil disturbance: **0.15**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region**, **S61 Western basiphilous garrigue**, **T38 Mediterranean montane Cedrus forest**
Constant species of EUNIS habitats: **R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region**, **S61 Western basiphilous garrigue**, **T38 Mediterranean montane Cedrus forest**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Oromediterranean scrub, Scrub, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **5**
Continentality amplitude: **3**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz