Viola calaminaria

Habitus and growth type

Plant height [m]: **0.15**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Fruit, seed and dispersal

Dispersal mode: **Myrmecochory**
Dispersal distance class: **3**

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: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **6**
Moisture indicator value: **4.5**
Reaction indicator value: **6.5**
Nutrient indicator value: **1.5**
Salinity indicator value: **0**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1S Heavy-metal grassland in Western and Central Europe**
Constant species of EUNIS habitats: **R1S Heavy-metal grassland in Western and Central Europe**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline)**

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

Distribution

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

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