Verbena officinalis

Habitus and growth type

Plant height [m]: **0.41**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **14.26**

Flower

Flowering period: **January-December**

Fruit, seed and dispersal

Seed mass [mg]: **0.35**
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: **8.5**
Reaction indicator value: **7.1**
Nutrient indicator value: **6.4**
Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **1.17**
Disturbance frequency (herb layer): **1.78**
Disturbance severity: **0.67**

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

Disturbance severity (herb layer): **0.63**
Mowing frequency: **0.74**
Grazing pressure: **0.26**
Soil disturbance: **0.36**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea***

Broad habitat

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

Distribution

Continentality amplitude: **7**

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