

# *Verbena officinalis*

## Habitus and growth type

Plant height [m]: **0.41**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

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