

# *Allium vineale*

## Habitus and growth type

Plant height [m]: **0.5**

Life span: **Perennial**

Life form: **Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **18.7**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **5.21**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.4**

Temperature indicator value: **6.4**

Moisture indicator value: **4.1**

Reaction indicator value: **6.4**

Nutrient indicator value: **6.4**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **1.04**

Disturbance frequency (herb layer): **1.87**  
Disturbance severity: **0.56**  
Disturbance severity (herb layer): **0.5**  
Mowing frequency: **0.67**  
Grazing pressure: **0.2**  
Soil disturbance: **0.35**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [DA \(FES\) Festuco-Brometea](#), [QA \(PAR\) Papaveretea rhoeadis](#)

### Broad habitat

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

## Distribution

Continentality: **4**  
Continentality amplitude: **4**