

# *Galium valantia* subsp. *pleianthum*

## Habitus and growth type

Plant height [m]: **0.14**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **20.01**

## Fruit, seed and dispersal

Seed mass [mg]: **15.49**

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **1, 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: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.1**

Temperature indicator value: **9.3**

Moisture indicator value: **3**

Reaction indicator value: **8**

Nutrient indicator value: **5.7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.93**

Disturbance frequency (herb layer): **1.78**

Disturbance severity: **0.78**

Disturbance severity (herb layer): **0.7**

Mowing frequency: **0.38**

Grazing pressure: **0.26**

Soil disturbance: **0.47**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [FJ \(TRA\) \*Stipo-Trachynietea distachyae\*](#), [FN \(RUM\) \*Rumici aetnensis-Astragaletea siculi\*](#), [QC \(CHE\) \*Chenopodietea\*](#)

### Broad habitat

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