

# *Alyssum simplex*

## Habitus and growth type

Plant height [m]: **0.12**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **15.9**

## Flower

Flowering period: **January-May**

## Fruit, seed and dispersal

Seed mass [mg]: **0.83**

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

Dispersal distance class: **1**

## 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: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **9**

Moisture indicator value: **2.8**

Reaction indicator value: **7**

Nutrient indicator value: **2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.49**

Disturbance frequency (herb layer): **2.09**

Disturbance severity: **0.62**

Disturbance severity (herb layer): **0.6**

Mowing frequency: **0.37**

Grazing pressure: **0.3**

Soil disturbance: **0.33**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [FI \(TUB\) \*Helianthemetea guttati\*](#), [QC \(CHE\) \*Chenopodietea\*](#)

### Broad habitat

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