

# *Sisymbrium officinale*

## Habitus and growth type

Plant height [m]: **0.44**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **26.72**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.25**

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

Dispersal distance class: **2, 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: **7.9**

Temperature indicator value: **5.7**

Moisture indicator value: **4.2**

Reaction indicator value: **7**

Nutrient indicator value: **7.2**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **1.46**

Disturbance frequency (herb layer): **1.91**

Disturbance severity: **0.77**

Disturbance severity (herb layer): **0.75**

Mowing frequency: **0.92**

Grazing pressure: **0.19**

Soil disturbance: **0.55**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [QB \(SIS\) Sisymbrietea](#)

EUNIS habitat

Constant species of EUNIS habitats: [V37 Annual anthropogenic herbaceous vegetation](#)

Broad habitat

Occurrence in broad habitats: **Synanthropic**

## **Distribution**

Continentality amplitude: **6**