

# *Myosotis sparsiflora*

## Habitus and growth type

Plant height [m]: **0.29**

Life span: **Annual**

Life form: **Therophyte**

## Fruit, seed and dispersal

Seed mass [mg]: **0.47**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **5.4**

Temperature indicator value: **5.8**

Moisture indicator value: **6**

Reaction indicator value: **7.3**

Nutrient indicator value: **7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.23**

Disturbance frequency (herb layer): **1.36**

Disturbance severity: **0.66**

Disturbance severity (herb layer): **0.29**

Mowing frequency: **0.12**

Grazing pressure: **0.19**

Soil disturbance: **0.15**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [HA \(POP\) Alno glutinosae-Populetea albae](#)

### Broad habitat

Occurrence in broad habitats: **Forest, Synanthropic**

## Distribution

Continentality: **7**

Continentality amplitude: **3**