

# *Silene tatarica*

## Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Fruit, seed and dispersal

Seed mass [mg]: **0.16**

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

Dispersal distance class: **2**

## 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**

Ellenberg-type indicator values

Light indicator value: **7.5**

Temperature indicator value: **4.3**

Moisture indicator value: **5**

Disturbance indicator values

Disturbance frequency: **1.31**

Disturbance frequency (herb layer): **1.88**

Disturbance severity: **0.56**

Disturbance severity (herb layer): **0.52**

Mowing frequency: **0.75**

Grazing pressure: **0.25**

Soil disturbance: **0.28**

## Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [KE \(THL\) \*Thlaspietea rotundifolii\*](#)

Broad habitat

Occurrence in broad habitats: **Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: 7

Continentality amplitude: 2