

# *Silene radicata*

## Habitus and growth type

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Fruit, seed and dispersal

Seed mass [mg]: **0.74**

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

### Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **7.5**

Moisture indicator value: **3**

Reaction indicator value: **7.3**

Nutrient indicator value: **3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.71**

Disturbance frequency (herb layer): **1.79**

Disturbance severity: **0.46**

Disturbance severity (herb layer): **0.34**

Mowing frequency: **0.08**

Grazing pressure: **0.32**

Soil disturbance: **0.13**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CT \(TRI\) \*Juncetea trifidi\*](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline)**