

# *Viola collina*

## Habitus and growth type

Plant height [m]: **0.1**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **February-May**

## Fruit, seed and dispersal

Seed mass [mg]: **2.34**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## 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 reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.3**

Temperature indicator value: **5.2**

Moisture indicator value: **3.4**

Reaction indicator value: **8**

Nutrient indicator value: **2.4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.2**

Disturbance frequency (herb layer): **1.41**

Disturbance severity: **0.63**

Disturbance severity (herb layer): **0.21**

Mowing frequency: **0.1**

Grazing pressure: **0.22**

Soil disturbance: **0.13**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [BC \(BRA\) \*Brachypodio pinnati-Betuletea pendulae\*](#), [CL \(GER\) \*Trifolio-Geranietea sanguinei\*](#), [DA \(FES\) \*Festuco-Brometea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T3H \*Larix light taiga\*](#)

Constant species of EUNIS habitats: [T3H \*Larix light taiga\*](#)

### Broad habitat

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

## Distribution

Continentality: **6**

Continentality amplitude: **5**