

# *Viola pumila*

## Habitus and growth type

Plant height [m]: **0.17**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **March-April**

## Fruit, seed and dispersal

Seed mass [mg]: **1.21**

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 humidity relationship: **Wet**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.7**

Temperature indicator value: **6.3**

Moisture indicator value: **6.9**

Reaction indicator value: **6**

Nutrient indicator value: **4.4**

Salinity indicator value: **0.6**

### Disturbance indicator values

Disturbance frequency: **1.41**

Disturbance frequency (herb layer): **2.06**

Disturbance severity: **0.55**

Disturbance severity (herb layer): **0.54**

Mowing frequency: **1.15**

Grazing pressure: **0.21**

Soil disturbance: **0.15**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) Molinio-Arrhenatheretea](#)

Broad habitat

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

## **Distribution**

Continentality: 7

Continentality amplitude: 5