

Viola altaica

Habitus and growth type

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **15.42**

Fruit, seed and dispersal

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: **Mesic**

Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **4.3**

Moisture indicator value: **5.3**

Disturbance indicator values

Disturbance frequency: **1.47**

Disturbance frequency (herb layer): **1.47**

Disturbance severity: **0.28**

Disturbance severity (herb layer): **0.28**

Mowing frequency: **0.03**

Grazing pressure: **0.24**

Soil disturbance: **0.05**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [KF \(LAM\) *Lamio tomentosi-*](#)

Chaerophylletea humilis

Broad habitat

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