Viola elatior

Habitus and growth type

Plant height [m]: **0.35**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.53**
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: **Alkaline**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**
Temperature indicator value: **6.6**
Moisture indicator value: **7.5**
Reaction indicator value: **7.4**
Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **0.31**
Disturbance frequency (herb layer): **1.58**
Disturbance severity: **0.64**
Disturbance severity (herb layer): **0.36**
Mowing frequency: **0.27**
Grazing pressure: **0.2**

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Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea***

Broad habitat

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

Distribution

Continentality: **7**
Continentality amplitude: **4**

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