Viola palustris

Habitus and growth type

Plant height [m]: **0.1**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **37.66**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.52**
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: **Acidic**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.6**
Temperature indicator value: **4.5**
Moisture indicator value: **9.1**
Reaction indicator value: **2.3**
Nutrient indicator value: **2.3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.87**

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Disturbance frequency (herb layer): **1.45**
Disturbance severity: **0.37**
Disturbance severity (herb layer): **0.28**
Mowing frequency: **0.35**
Grazing pressure: **0.16**
Soil disturbance: **0.14**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q22 Poor fen**, **Q24 Intermediate fen and soft-water spring mire**, **Q42 Extremely rich moss-sedge fen**, **T15 Broadleaved swamp forest on non-acid peat**
Constant species of EUNIS habitats: **Q22 Poor fen**, **Q24 Intermediate fen and soft-water spring mire**, **Q42 Extremely rich moss-sedge fen**, **R42 Boreal and Arctic acidophilous alpine grassland**, **T15 Broadleaved swamp forest on non-acid peat**

Broad habitat

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

Distribution

Continentality amplitude: **5**

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