

Viola palustris

Habitus and growth type

Plant height [m]: **0.1**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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**

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