

Polygala amarella

Habitus and growth type

Plant height [m]: **0.1**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **20.68**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.09**

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**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **4.7**

Moisture indicator value: **7.7**

Reaction indicator value: **8.4**

Nutrient indicator value: **1.6**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.21**

Disturbance frequency (herb layer): **1.74**
Disturbance severity: **0.43**
Disturbance severity (herb layer): **0.39**
Mowing frequency: **0.8**
Grazing pressure: **0.23**
Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [DA \(FES\) Festuco-Brometea](#), [PA \(SCH\) Scheuchzerio palustris-Caricetea fuscae](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [Q43 Tall-sedge base-rich fen](#)

Broad habitat

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

Distribution

Continentality: **5**
Continentality amplitude: **4**