Gentiana asclepiadea

Habitus and growth type

Plant height [m]: **0.43**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **23.29**

Flower

Flowering period: **July-September**

Fruit, seed and dispersal

Seed mass [mg]: **0.14**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

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**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.4**
Temperature indicator value: **4.1**
Moisture indicator value: **6.1**
Reaction indicator value: **6.7**
Nutrient indicator value: **3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.11**

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Disturbance frequency (herb layer): **1.23**
Disturbance severity: **0.63**
Disturbance severity (herb layer): **0.16**
Mowing frequency: **0.05**
Grazing pressure: **0.19**
Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

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

EUNIS habitat

Diagnostic species of EUNIS habitats: **T31 Temperate mountain Picea forest**
Constant species of EUNIS habitats: **S25 Subalpine and subarctic deciduous scrub**, **T31 Temperate mountain Picea forest**

Broad habitat

Occurrence in broad habitats: **Spring, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Forest, Synanthropic**

Distribution

Continentality: **5**
Continentality amplitude: **3**

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