Gentiana occidentalis

Habitus and growth type

Life span: **Perennial**
Life form: **Hemicryptophyte**

Fruit, seed and dispersal

Seed mass [mg]: **0.35**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

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**

Ellenberg-type indicator values

Light indicator value: **9**
Temperature indicator value: **3**
Moisture indicator value: **4.5**
Reaction indicator value: **7**
Nutrient indicator value: **1**

Disturbance indicator values

Disturbance frequency: **1.58**
Disturbance frequency (herb layer): **1.58**
Disturbance severity: **0.35**
Disturbance severity (herb layer): **0.34**
Mowing frequency: **0.18**
Grazing pressure: **0.3**
Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CU (SES) *Elyno-Seslerietea*, FP (ONO) *Festuco hystricis-Ononidetea striatae***

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Broad habitat

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

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