Stachys alpina

Habitus and growth type

Plant height [m]: **0.59**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **4.32**
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**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.4**
Moisture indicator value: **5.3**
Reaction indicator value: **7.6**
Nutrient indicator value: **6.9**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.16**
Disturbance frequency (herb layer): **1.37**
Disturbance severity: **0.65**
Disturbance severity (herb layer): **0.22**
Mowing frequency: **0.09**
Grazing pressure: **0.2**

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Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QG (EPI) *Epilobietea angustifolii***

Broad habitat

Occurrence in broad habitats: **Alpine-subalpine and arctic grassland, Scrub, Forest, Synanthropic**

Distribution

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

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