Prenanthes purpurea

Habitus and growth type

Plant height [m]: **0.95**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **65.86**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.93**
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: **Mesic**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **4.2**
Temperature indicator value: **4.3**
Moisture indicator value: **5.3**
Reaction indicator value: **5**
Nutrient indicator value: **5.2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.02**

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Disturbance frequency (herb layer): **1.27**
Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.12**
Mowing frequency: **0**
Grazing pressure: **0.19**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CA (FAG) *Carpino-Fagetea sylvaticae*, CS (MUL) *Mulgedio-Aconitetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **T17 Fagus forest on non-acid soils, T18 Fagus forest on acid soils, T31 Temperate mountain Picea forest, T32 Temperate mountain Abies forest**
Constant species of EUNIS habitats: **T17 Fagus forest on non-acid soils, T18 Fagus forest on acid soils, T1F Ravine forest, T31 Temperate mountain Picea forest, T32 Temperate mountain Abies forest, T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest, T39 Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest**

Broad habitat

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

Distribution

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

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