Valeriana tripteris

Habitus and growth type

Plant height [m]: **0.32**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **30.58**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.92**
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: **6.9**
Temperature indicator value: **3.7**
Moisture indicator value: **5.5**
Reaction indicator value: **8**
Nutrient indicator value: **2.4**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.07**

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Disturbance frequency (herb layer): **1.04**
Disturbance severity: **0.63**
Disturbance severity (herb layer): **0.14**
Mowing frequency: **0.01**
Grazing pressure: **0.19**
Soil disturbance: **0.09**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **KC (ASP) *Asplenietea trichomanis***

EUNIS habitat

Diagnostic species of EUNIS habitats: **S25 Subalpine and subarctic deciduous scrub**, **S26 Subalpine Pinus mugo scrub**, **T31 Temperate mountain Picea forest**, **T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest**
Constant species of EUNIS habitats: **S25 Subalpine and subarctic deciduous scrub**, **S26 Subalpine Pinus mugo scrub**, **T31 Temperate mountain Picea forest**, **T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest**

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Spring, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **4**
Continentality amplitude: **2**

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