Valeriana pratensis

Habitus and growth type

Plant height [m]: **0.72**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **26.44**

Fruit, seed and dispersal

Seed mass [mg]: **0.81**
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: **7**
Temperature indicator value: **8**
Moisture indicator value: **5.5**
Reaction indicator value: **9**
Nutrient indicator value: **2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.19**
Disturbance frequency (herb layer): **1.41**
Disturbance severity: **0.63**
Disturbance severity (herb layer): **0.23**

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Mowing frequency: **0.13**
Grazing pressure: **0.21**
Soil disturbance: **0.11**

Habitat and sociology

Broad habitat

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

Distribution

Continentality: **6**
Continentality amplitude: **5**

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