Phyteuma spicatum

Habitus and growth type

Plant height [m]: **0.41**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **47.31**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.15**
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: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Moisture indicator value: **5.3**
Reaction indicator value: **6.2**
Nutrient indicator value: **4.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.08**
Disturbance frequency (herb layer): **1.32**
Disturbance severity: **0.67**

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Disturbance severity (herb layer): **0.16**
Mowing frequency: **0.05**
Grazing pressure: **0.19**
Soil disturbance: **0.12**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R23 Mountain hay meadow**, **T17 Fagus forest on non-acid soils**, **T31 Temperate mountain Picea forest**, **T32 Temperate mountain Abies forest**

Constant species of EUNIS habitats: **R23 Mountain hay meadow**, **T17 Fagus forest on non-acid soils**, **T1F Ravine forest**, **T31 Temperate mountain Picea forest**, **T32 Temperate mountain Abies forest**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Forest**

Distribution

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

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