

# *Phyteuma spicatum*

## Habitus and growth type

Plant height [m]: **0.41**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

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**