Phyteuma betonicifolium

Habitus and growth type

Plant height [m]: **0.33**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **29.71**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.04**
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

Light indicator value: **5.5**
Temperature indicator value: **3.7**
Moisture indicator value: **5**
Reaction indicator value: **5**
Nutrient indicator value: **4.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.28**

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Disturbance frequency (herb layer): **1.36**
Disturbance severity: **0.55**
Disturbance severity (herb layer): **0.23**
Mowing frequency: **0.1**
Grazing pressure: **0.21**
Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CT (TRI) *Juncetea trifidi***

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Grassland (non-alpine, non-saline), Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **6**
Continentality amplitude: **2**

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