Polygala calcarea

Habitus and growth type

Plant height [m]: **0.09**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **19.35**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.05**
Dispersal mode: **Myrmecochory**
Dispersal distance class: **3**

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: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**
Temperature indicator value: **6.7**
Moisture indicator value: **3**
Reaction indicator value: **8.7**
Nutrient indicator value: **2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.85**

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Disturbance frequency (herb layer): **1.68**
Disturbance severity: **0.51**
Disturbance severity (herb layer): **0.41**
Mowing frequency: **0.52**
Grazing pressure: **0.3**
Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **DA (FES) *Festuco-Brometea***

Broad habitat

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

Distribution

Continentality: **3**
Continentality amplitude: **1**

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