Aquilegia alpina

Habitus and growth type

Plant height [m]: **0.46**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]:
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **2, 7**

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: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**
Temperature indicator value: **2.7**
Moisture indicator value: **5.5**
Reaction indicator value: **5.5**
Nutrient indicator value: **6.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.22**
Disturbance frequency (herb layer): **1.34**
Disturbance severity: **0.56**
Disturbance severity (herb layer): **0.16**

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Mowing frequency: **0.02**
Grazing pressure: **0.18**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CU (SES) *Elyno-Seslerietea***

Broad habitat

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

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