Colchicum alpinum

Habitus and growth type

Plant height [m]: **0.2**
Life span: **Perennial**
Life form: **Geophyte**

Flower

Flowering period: **June-September**

Fruit, seed and dispersal

Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

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: **Acidic**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **3.3**
Moisture indicator value: **4.7**
Reaction indicator value: **3.5**
Nutrient indicator value: **3.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.88**
Disturbance frequency (herb layer): **1.88**
Disturbance severity: **0.48**
Disturbance severity (herb layer): **0.39**
Mowing frequency: **0.31**

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Grazing pressure: **0.35**
Soil disturbance: **0.19**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea***

Broad habitat

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

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