Colchicum autumnale

Habitus and growth type

Plant height [m]: **0.24**
Life span: **Perennial**
Life form: **Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **12.05**

Flower

Flowering period: **July-September**

Fruit, seed and dispersal

Seed mass [mg]: **6.65**
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: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.4**
Temperature indicator value: **4.9**
Reaction indicator value: **6.4**
Nutrient indicator value: **3.8**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **1.01**
Disturbance frequency (herb layer): **1.88**

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Disturbance severity: **0.52**
Disturbance severity (herb layer): **0.47**
Mowing frequency: **0.88**
Grazing pressure: **0.17**
Soil disturbance: **0.26**

Habitat and sociology

Syntaxon

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

Broad habitat

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

Distribution

Continentality: **4**
Continentality amplitude: **4**

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