Colchicum montanum

Habitus and growth type

Life span: **Perennial**
Life form: **Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **1.32**

Fruit, seed and dispersal

Seed mass [mg]: **2.43**
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**

Ellenberg-type indicator values

Light indicator value: **9**
Temperature indicator value: **4**
Moisture indicator value: **4**
Reaction indicator value: **5**
Nutrient indicator value: **1**

Disturbance indicator values

Disturbance frequency: **2**
Disturbance frequency (herb layer): **2.01**
Disturbance severity: **0.45**
Disturbance severity (herb layer): **0.45**
Mowing frequency: **0.58**
Grazing pressure: **0.47**
Soil disturbance: **0.22**

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Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FP (ONO) *Festuco hystricis-Ononidetea striatae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1H Iberian oromediterranean basiphilous dry grassland**, **R1N Open Iberian supramediterranean dry acid and neutral grassland**

Broad habitat

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

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