

# *Colchicum montanum*

## Habitus and growth type

Life span: **Perennial**

Life form: **Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FP \(ONO\) Festuco hystricis-Ononidetea striatae](#)

### Broad habitat

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