# *Colchicum lusitanum*

## Habitus and growth type

Plant height [m]: **0.25**
Life span: **Perennial**
Life form: **Geophyte**

## Flower

Flowering period: **July-October**

## Fruit, seed and dispersal

Dispersal mode: **Endozoochory**
Dispersal distance class: **6**

## 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: **Dry**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6**
Temperature indicator value: **7**
Moisture indicator value: **3**
Reaction indicator value: **6**
Nutrient indicator value: **7**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.39**
Disturbance frequency (herb layer): **1.61**
Disturbance severity: **0.57**
Disturbance severity (herb layer): **0.33**
Mowing frequency: **0.28**

*© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz*

Grazing pressure: **0.28**
Soil disturbance: **0.13**

## Habitat and sociology

### Syntaxon

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

### Broad habitat

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

*© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz*