Cypripedium calceolus

Habitus and growth type

Plant height [m]: **0.35**
Life span: **Perennial**
Life form: **Geophyte**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

Seed mass [mg]: **0**
Dispersal mode: **Anemochory**
Dispersal distance class: **3**

Trophic mode

Parasitism and mycoheterotrophy: **initial or partial mycoheterotroph**
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: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **5.1**
Temperature indicator value: **5.1**
Moisture indicator value: **4.3**
Reaction indicator value: **8**
Nutrient indicator value: **4.2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.08**
Disturbance frequency (herb layer): **1.18**
Disturbance severity: **0.65**
Disturbance severity (herb layer): **0.14**

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Mowing frequency: **0.03**
Grazing pressure: **0.2**
Soil disturbance: **0.09**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CA (FAG) *Carpino-Fagetea sylvaticae***

Broad habitat

Occurrence in broad habitats: **Scrub, Forest**

Distribution

Continentality: **6**
Continentality amplitude: **6**

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