Crocus vernus

Habitus and growth type

Plant height [m]: **0.13**
Life span: **Perennial**
Life form: **Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **1.52**

Flower

Flowering period: **February-June**

Fruit, seed and dispersal

Dispersal mode: **Myrmecochory, Anthropochory**
Dispersal distance class: **3, 7**

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: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**
Temperature indicator value: **3.6**
Moisture indicator value: **4.8**
Reaction indicator value: **5.9**
Nutrient indicator value: **4.8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.41**
Disturbance frequency (herb layer): **1.56**

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Disturbance severity: **0.55**
Disturbance severity (herb layer): **0.31**
Mowing frequency: **0.21**
Grazing pressure: **0.24**
Soil disturbance: **0.16**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R23 Mountain hay meadow**
Constant species of EUNIS habitats: **R23 Mountain hay meadow**

Broad habitat

Occurrence in broad habitats: **Spring, Grassland (non-alpine, non-saline), Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

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