

Crocus vernus

Habitus and growth type

Plant height [m]: **0.13**

Life span: **Perennial**

Life form: **Geophyte**

Leaf

Specific leaf area [mm²/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**

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)**