Helleborus viridis

Habitus and growth type

Plant height [m]: **0.28**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **6.15**

Flower

Flowering period: **January-April**

Fruit, seed and dispersal

Seed mass [mg]: **9.53**
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: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Temperature indicator value: **6.4**
Moisture indicator value: **4.9**
Reaction indicator value: **7.9**
Nutrient indicator value: **5.4**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.05**
Disturbance frequency (herb layer): **1.32**

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Disturbance severity: **0.68**
Disturbance severity (herb layer): **0.14**
Mowing frequency: **0.02**
Grazing pressure: **0.2**
Soil disturbance: **0.1**

Habitat and sociology

Broad habitat

Occurrence in broad habitats: **Alpine-subalpine and arctic grassland, Scrub, Forest**

Distribution

Continentality: **2**
Continentality amplitude: **2**

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