Helleborus foetidus

Habitus and growth type

Plant height [m]: **0.48**
Life span: **Perennial**
Life form: **Chamaephyte**

Leaf

Specific leaf area [mm^2/mg]: **14.95**

Flower

Flowering period: **January-April, November-December**

Fruit, seed and dispersal

Seed mass [mg]: **9.44**
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: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **5.5**
Temperature indicator value: **6.7**
Moisture indicator value: **3.7**
Reaction indicator value: **8.2**
Nutrient indicator value: **2.8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.09**

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Disturbance frequency (herb layer): **1.32**
Disturbance severity: **0.67**
Disturbance severity (herb layer): **0.16**
Mowing frequency: **0.04**
Grazing pressure: **0.21**
Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CA (FAG) *Carpino-Fagetea sylvaticae*, CB (PUB) *Quercetea pubescentis***

EUNIS habitat

Diagnostic species of EUNIS habitats: **T1G Alnus cordata forest**

Constant species of EUNIS habitats: **S52 Submediterranean pseudomaquis, T1G Alnus cordata forest, T37 Mediterranean montane Pinus sylvestris-Pinus nigra forest, T3C Taxus baccata forest**

Broad habitat

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

Distribution

Continentality: **3**
Continentality amplitude: **3**

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