Eranthis hyemalis

Habitus and growth type

Plant height [m]: **0.09**
Life span: **Perennial**
Life form: **Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **22.7**

Flower

Flowering period: **January-March**

Fruit, seed and dispersal

Seed mass [mg]: **5.39**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **1, 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

Light indicator value: **3.8**
Moisture indicator value: **5.3**
Reaction indicator value: **6.8**
Nutrient indicator value: **6.3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.55**
Disturbance frequency (herb layer): **1.4**

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Disturbance severity: **0.76**
Disturbance severity (herb layer): **0.54**
Mowing frequency: **0.24**
Grazing pressure: **0.17**
Soil disturbance: **0.49**

Habitat and sociology

Syntaxon

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

EUNIS habitat

Diagnostic species of EUNIS habitats: **T38 Mediterranean montane Cedrus forest**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest**

Distribution

Continentality: **6**
Continentality amplitude: **2**

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