Adonis vernalis

Habitus and growth type

Plant height [m]: **0.27**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **15.31**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

Seed mass [mg]: **10.65**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

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: **7.6**
Moisture indicator value: **3.3**
Reaction indicator value: **7.5**
Nutrient indicator value: **1.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.89**
Disturbance frequency (herb layer): **1.75**

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Disturbance severity: **0.51**
Disturbance severity (herb layer): **0.43**
Mowing frequency: **0.59**
Grazing pressure: **0.32**
Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **DA (FES) *Festuco-Brometea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**, **R1B Continental dry grassland (true steppe)**, **S36 Low steppic scrub**
Constant species of EUNIS habitats: **S36 Low steppic scrub**

Broad habitat

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

Distribution

Continentality: **8**
Continentality amplitude: **4**

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