# *Arabidopsis halleri*

### Habitus and growth type

Plant height [m]: **0.25**
Life span: **Perennial**
Life form: **Hemicryptophyte**

### Leaf

Specific leaf area [$mm^2$/mg]: **20.82**

### Flower

Flowering period: **April-June**

### Fruit, seed and dispersal

Seed mass [mg]: **0.17**
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: **Mesic**
Substrate reaction relationship: **Acidic**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

#### Ellenberg-type indicator values

Light indicator value: **7.7**
Temperature indicator value: **4**
Moisture indicator value: **6**
Reaction indicator value: **3.6**
Nutrient indicator value: **3.5**
Salinity indicator value: **0**

#### Disturbance indicator values

Disturbance frequency: **0.77**

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Disturbance frequency (herb layer): **1.53**
Disturbance severity: **0.52**
Disturbance severity (herb layer): **0.42**
Mowing frequency: **0.48**
Grazing pressure: **0.15**
Soil disturbance: **0.26**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: **R1S Heavy-metal grassland in Western and Central Europe**, **R23 Mountain hay meadow**
Constant species of EUNIS habitats: **R1S Heavy-metal grassland in Western and Central Europe**, **R23 Mountain hay meadow**
Dominant species of EUNIS habitats: **R1S Heavy-metal grassland in Western and Central Europe**

### Broad habitat

Occurrence in broad habitats: **Spring, Grassland (non-alpine, non-saline), Forest, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: **4**
Continentality amplitude: **2**

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