

# *Arabidopsis halleri*

## Habitus and growth type

Plant height [m]: **0.25**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

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**