

# *Astrantia bavarica*

## Habitus and growth type

Plant height [m]: **0.28**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **May-September**

## Fruit, seed and dispersal

Seed mass [mg]: **1.26**

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: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **3**

Moisture indicator value: **4.5**

Reaction indicator value: **7.5**

Nutrient indicator value: **3.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.19**

Disturbance frequency (herb layer): **0.58**

Disturbance severity: **0.46**

Disturbance severity (herb layer): **0.17**

Mowing frequency: **0.01**

Grazing pressure: **0.19**

Soil disturbance: **0.07**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [CU \(SES\) \*Elyno-Seslerietea\*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [S26 Subalpine \*Pinus mugo\* scrub](#)

Broad habitat

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

## **Distribution**

Continentality: **5**

Continentality amplitude: **1**