

# *Cirsium waldsteinii*

## Habitus and growth type

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Fruit, seed and dispersal

Seed mass [mg]: **2.76**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

## 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: **Wet**

### Ellenberg-type indicator values

Light indicator value: **7.5**

Temperature indicator value: **4.4**

Moisture indicator value: **6.8**

### Disturbance indicator values

Disturbance frequency: **0.25**

Disturbance frequency (herb layer): **1.02**

Disturbance severity: **0.58**

Disturbance severity (herb layer): **0.24**

Mowing frequency: **0.12**

Grazing pressure: **0.17**

Soil disturbance: **0.11**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CS \(MUL\) \*Mulgedio-Aconitetea\*](#)

### Broad habitat

Occurrence in broad habitats: **Alpine-subalpine and arctic grassland**

## **Distribution**

Continentality: **5**

Continentality amplitude: **1**