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**

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Distribution

Continentality: **5**
Continentality amplitude: **1**

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