

Saussurea alpina aggr.

Habitus and growth type

Plant height [m]: **0.14**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **16.89**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **1.75**

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: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **1.6**

Moisture indicator value: **5.8**

Reaction indicator value: **5.8**

Nutrient indicator value: **2.9**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.77**

Disturbance frequency (herb layer): **1.56**
Disturbance severity: **0.37**
Disturbance severity (herb layer): **0.24**
Mowing frequency: **0.06**
Grazing pressure: **0.2**
Soil disturbance: **0.09**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [Q45 Arctic-alpine rich fen](#), [R42 Boreal and Arctic acidophilous alpine grassland](#), [T3H Larix light taiga](#), [U21 Boreal and Arctic siliceous scree and block field](#), [U25 Boreal and Arctic base-rich scree and block field](#)

Constant species of EUNIS habitats: [Q45 Arctic-alpine rich fen](#), [R42 Boreal and Arctic acidophilous alpine grassland](#), [T3H Larix light taiga](#), [U21 Boreal and Arctic siliceous scree and block field](#), [U25 Boreal and Arctic base-rich scree and block field](#), [U35 Boreal and Arctic base-rich inland cliff](#)

Broad habitat

Occurrence in broad habitats: **Mire, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Oromediterranean scrub, Forest, Sparsely vegetated (incl. rock and scree)**