Salix herbacea

Habitus and growth type

Plant height [m]: **0.04**
Life span: **Perennial**
Life form: **Chamaephyte**

Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**
Leaf phenology (woody plants only): **Winter deciduous**
Specific leaf area [mm^2/mg]: **22.12**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.18**
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**
Substrate reaction relationship: **Acidic**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.7**
Temperature indicator value: **1.5**
Moisture indicator value: **6.8**
Reaction indicator value: **3**
Nutrient indicator value: **3.4**
Salinity indicator value: **0**

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Disturbance indicator values

Disturbance frequency: **1.46**
Disturbance frequency (herb layer): **1.49**
Disturbance severity: **0.21**
Disturbance severity (herb layer): **0.21**
Mowing frequency: **0.01**
Grazing pressure: **0.17**
Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **LA (HER) *Salicetea herbaceae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R41 Snow-bed vegetation**, **R42 Boreal and Arctic acidophilous alpine grassland**, **S21 Subarctic and alpine dwarf Salix scrub**, **U21 Boreal and Arctic siliceous scree and block field**, **U61 Subarctic volcanic field**

Constant species of EUNIS habitats: **R41 Snow-bed vegetation**, **R42 Boreal and Arctic acidophilous alpine grassland**, **S12 Moss and lichen tundra**, **S21 Subarctic and alpine dwarf Salix scrub**, **U21 Boreal and Arctic siliceous scree and block field**, **U25 Boreal and Arctic base-rich scree and block field**, **U61 Subarctic volcanic field**

Dominant species of EUNIS habitats: **S21 Subarctic and alpine dwarf Salix scrub**

Broad habitat

Occurrence in broad habitats: **Spring, Alpine-subalpine and arctic grassland, Heathland, Scrub, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality amplitude: **6**

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