

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 [mm²/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**

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**