

Salix helvetica

Habitus and growth type

Plant height [m]: **0.8**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

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: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **2.3**

Moisture indicator value: **6**

Reaction indicator value: **6**

Nutrient indicator value: **3.5**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.83**

Disturbance frequency (herb layer): **1.36**

Disturbance severity: **0.46**

Disturbance severity (herb layer): **0.15**

Mowing frequency: **0.01**

Grazing pressure: **0.13**

Soil disturbance: **0.03**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CR \(VIR\) *Betulo carpaticae-Alnetea viridis*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [S25 Subalpine and subarctic deciduous scrub](#)

Broad habitat

Occurrence in broad habitats: **Scrub**