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**

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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**
Dominant species of EUNIS habitats: **S25 Subalpine and subarctic deciduous scrub**

Broad habitat

Occurrence in broad habitats: **Scrub**

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