

# *Salix appendiculata*

## Habitus and growth type

Plant height [m]: **4.1**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**

Leaf phenology (woody plants only): **Winter deciduous**

Specific leaf area [mm<sup>2</sup>/mg]: **17.63**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.14**

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: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**

Temperature indicator value: **3.2**

Moisture indicator value: **5.8**

Reaction indicator value: **7.3**

Nutrient indicator value: **5.8**

Salinity indicator value: **0**

## Disturbance indicator values

Disturbance frequency: **0.16**

Disturbance frequency (herb layer): **0.86**

Disturbance severity: **0.58**

Disturbance severity (herb layer): **0.17**

Mowing frequency: **0.02**

Grazing pressure: **0.18**

Soil disturbance: **0.09**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **CP (MUG) *Roso pendulinae-Pinetea mugo*, CR (VIR) *Betulo carpaticae-Alnetea viridis*, CS (MUL) *Mulgedio-Aconitetea***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **[S25 Subalpine and subarctic deciduous scrub](#), [S26 Subalpine Pinus mugo scrub](#)**

Constant species of EUNIS habitats: **[S25 Subalpine and subarctic deciduous scrub](#), [S26 Subalpine Pinus mugo scrub](#)**

### Broad habitat

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

## Distribution

Continentality: **6**

Continentality amplitude: **2**