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^2/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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz