Salix pentandra

Habitus and growth type

Plant height [m]: **8.53**
Life span: **Perennial**
Life form: **Phanerophyte, Tree, 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]: **18.42**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

Seed mass [mg]: **0.13**
Dispersal mode: **Anemochory, Anthropochory**
Dispersal distance class: **5, 7**

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: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.1**
Temperature indicator value: **4.5**
Moisture indicator value: **8.1**
Reaction indicator value: **5.7**
Nutrient indicator value: **4**
Salinity indicator value: **0**

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

Disturbance indicator values

Disturbance frequency: **0.68**
Disturbance frequency (herb layer): **1.33**
Disturbance severity: **0.43**
Disturbance severity (herb layer): **0.22**
Mowing frequency: **0.13**
Grazing pressure: **0.17**
Soil disturbance: **0.18**

Habitat and sociology

Syntaxon

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

EUNIS habitat

Diagnostic species of EUNIS habitats: **S92 Salix fen scrub**

Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **6**
Continentality amplitude: **5**

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