Salix purpurea

Habitus and growth type

Plant height [m]: **3.52**
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]: **9.5**

Flower

Flowering period: **February-April**

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: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.1**
Temperature indicator value: **4.8**
Moisture indicator value: **8.3**
Reaction indicator value: **7.5**
Nutrient indicator value: **4.5**
Salinity indicator value: **0**

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Disturbance indicator values

Disturbance frequency: **0.71**
Disturbance frequency (herb layer): **1.55**
Disturbance severity: **0.57**
Disturbance severity (herb layer): **0.41**
Mowing frequency: **0.11**
Grazing pressure: **0.23**
Soil disturbance: **0.17**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **HB (PUR) *Salicetea purpureae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **S91 Temperate riparian scrub**, **T11 Temperate Salix and Populus riparian forest**, **U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions**
Constant species of EUNIS habitats: **S91 Temperate riparian scrub**, **T11 Temperate Salix and Populus riparian forest**, **U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions**, **U72 Unvegetated or sparsely vegetated gravel bar in the Mediterranean region**
Dominant species of EUNIS habitats: **S91 Temperate riparian scrub**

Broad habitat

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

Distribution

Continentality: **5**
Continentality amplitude: **3**

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