

# *Salix hastata*

## Habitus and growth type

Plant height [m]: **0.98**

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**

## Flower

Flowering period: **May-July**

## 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: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.4**

Temperature indicator value: **3**

Reaction indicator value: **6.8**

Nutrient indicator value: **3.4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.74**

Disturbance frequency (herb layer): **1.21**  
Disturbance severity: **0.35**  
Disturbance severity (herb layer): **0.21**  
Mowing frequency: **0.04**  
Grazing pressure: **0.16**  
Soil disturbance: **0.07**

## Habitat and sociology

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [U35 Boreal and Arctic base-rich inland cliff](#)

Constant species of EUNIS habitats: [U35 Boreal and Arctic base-rich inland cliff](#)

### Broad habitat

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

## Distribution

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