

# *Salix lanata*

## Habitus and growth type

Plant height [m]: **0.65**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **12.84**

## Fruit, seed and dispersal

Seed mass [mg]: **0.08**

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: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Moisture indicator value: **6**

Reaction indicator value: **7**

Nutrient indicator value: **3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.09**

Disturbance frequency (herb layer): **1.46**

Disturbance severity: **0.33**

Disturbance severity (herb layer): **0.18**

Mowing frequency: **0.03**

Grazing pressure: **0.17**

Soil disturbance: **0.09**

### **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [U61 Subarctic volcanic field](#)

Constant species of EUNIS habitats: [U61 Subarctic volcanic field](#)

Broad habitat

Occurrence in broad habitats: **Sparsely vegetated (incl. rock and scree)**