

# *Betula humilis*

## Habitus and growth type

Plant height [m]: **1.25**

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<sup>2</sup>/mg]: **10.97**

## Fruit, seed and dispersal

Seed mass [mg]: **0.19**

Dispersal mode: **Dyszoochory**

Dispersal distance class: **6**

## 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: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.1**

Temperature indicator value: **4.7**

Moisture indicator value: **8.7**

Reaction indicator value: **4**

Nutrient indicator value: **3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.63**

Disturbance frequency (herb layer): **1.21**

Disturbance severity: **0.41**

Disturbance severity (herb layer): **0.15**

Mowing frequency: **0.15**

Grazing pressure: **0.17**

Soil disturbance: **0.21**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [IA \(ALN\) \*Alnetea glutinosae\*](#), [IB \(FRA\) \*Fraguletea\*](#)

Broad habitat

Occurrence in broad habitats: **Scrub, Forest**

## **Distribution**

Continentality: 7

Continentality amplitude: 4