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^2/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**

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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) *Franguletea***

Broad habitat

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

Distribution

Continentality: **7**
Continentality amplitude: **4**

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