Betula pubescens

Habitus and growth type

Plant height [m]: **19.19**
Life span: **Perennial**
Life form: **Phanerophyte, Tree**

Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**
Leaf phenology (woody plants only): **Winter deciduous**
Specific leaf area [mm^2/mg]: **14**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **0.33**
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: **7.3**
Temperature indicator value: **4.2**
Reaction indicator value: **3**
Nutrient indicator value: **2.9**
Salinity indicator value: **0**

Disturbance indicator values

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Disturbance frequency: **0.22**
Disturbance frequency (herb layer): **1.22**
Disturbance severity: **0.62**
Disturbance severity (herb layer): **0.16**
Mowing frequency: **0.05**
Grazing pressure: **0.18**
Soil disturbance: **0.16**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **T15 Broadleaved swamp forest on non-acid peat**, **T16 Broadleaved mire forest on acid peat**, **T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils**, **T3F Dark taiga**, **T3G Pinus sylvestris light taiga**, **T3H Larix light taiga**, **T3J Pinus and Larix mire forest**, **T3K Picea mire forest**

Constant species of EUNIS habitats: **N1D Atlantic and Baltic broad-leaved coastal dune forest**, **N1F Baltic coniferous coastal dune forest**, **Q11 Raised bog**, **Q22 Poor fen**, **Q42 Extremely rich moss-sedge fen**, **S41 Wet heath**, **S92 Salix fen scrub**, **T15 Broadleaved swamp forest on non-acid peat**, **T16 Broadleaved mire forest on acid peat**, **T1B Acidophilous Quercus forest**, **T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils**, **T27 Ilex aquifolium forest**, **T3F Dark taiga**, **T3G Pinus sylvestris light taiga**, **T3H Larix light taiga**, **T3J Pinus and Larix mire forest**, **T3K Picea mire forest**, **U61 Subarctic volcanic field**

Dominant species of EUNIS habitats: **N1D Atlantic and Baltic broad-leaved coastal dune forest**, **T16 Broadleaved mire forest on acid peat**, **T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils**

Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Mire, Grassland (non-alpine, non-saline), Heathland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

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