Populus alba

Habitus and growth type

Plant height [m]: **21.25**
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]: **10.78**

Flower

Flowering period: **January-March**

Fruit, seed and dispersal

Seed mass [mg]: **0.42**
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: **Wet**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6**
Moisture indicator value: **6.4**
Reaction indicator value: **7.5**
Nutrient indicator value: **6.1**
Salinity indicator value: **0.1**

Disturbance indicator values

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Disturbance frequency: **0.32**
Disturbance frequency (herb layer): **1.54**
Disturbance severity: **0.67**
Disturbance severity (herb layer): **0.36**
Mowing frequency: **0.06**
Grazing pressure: **0.2**
Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **HA (POP) *Alno glutinosae-Populetea albae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **T11 Temperate Salix and Populus riparian forest**, **T14 Mediterranean and Macaronesian riparian forest**
Constant species of EUNIS habitats: **T11 Temperate Salix and Populus riparian forest**, **T14 Mediterranean and Macaronesian riparian forest**
Dominant species of EUNIS habitats: **T11 Temperate Salix and Populus riparian forest**, **T14 Mediterranean and Macaronesian riparian forest**

Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **7**
Continentality amplitude: **6**

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