Humulus lupulus

Habitus and growth type

Plant height [m]: **4.4**
Life span: **Perennial**
Life form: **Hemicryptophyte, Herbaceous liana**

Leaf

Specific leaf area [mm^2/mg]: **23.97**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **3.35**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **2, 7**

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: **Slightly acidic to near-neutral**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.7**
Temperature indicator value: **6.2**
Moisture indicator value: **7.9**
Reaction indicator value: **6.7**
Nutrient indicator value: **7.9**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.29**

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Disturbance frequency (herb layer): **1.41**
Disturbance severity: **0.65**
Disturbance severity (herb layer): **0.34**
Mowing frequency: **0.08**
Grazing pressure: **0.19**
Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CF (ROB) *Robinietea*, HA (POP) *Alno glutinosae-Populetea albae*, QG (EPI) *Epilobietea angustifolii***

EUNIS habitat

Diagnostic species of EUNIS habitats: **T11 Temperate Salix and Populus riparian forest, T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils, T13 Temperate hardwood riparian forest**
Constant species of EUNIS habitats: **T11 Temperate Salix and Populus riparian forest, T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils, T13 Temperate hardwood riparian forest**

Broad habitat

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

Distribution

Continentality amplitude: **6**

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