Circaea lutetiana

Habitus and growth type

Plant height [m]: **0.38**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **36.7**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **2.27**
Dispersal mode: **Epizoochory**
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: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **4.4**
Reaction indicator value: **7**
Nutrient indicator value: **6.7**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.09**
Disturbance frequency (herb layer): **1.37**
Disturbance severity: **0.69**

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Disturbance severity (herb layer): **0.22**
Mowing frequency: **0.02**
Grazing pressure: **0.19**
Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CA (FAG) *Carpino-Fagetea sylvaticae***, **HA (POP) *Alno glutinosae-Populetea albae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils**, **T13 Temperate hardwood riparian forest**
Constant species of EUNIS habitats: **S37 Corylus avellana scrub**, **T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils**, **T13 Temperate hardwood riparian forest**, **T17 Fagus forest on non-acid soils**, **T1F Ravine forest**, **T1G Alnus cordata forest**

Broad habitat

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

Distribution

Continentality amplitude: **5**

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