

Circaea lutetiana

Habitus and growth type

Plant height [m]: **0.38**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm²/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**

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**