

Epilobium montanum

Habitus and growth type

Plant height [m]: **0.49**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **28.27**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.13**

Dispersal mode: **Anemochory**

Dispersal distance class: **3**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Temperature indicator value: **5.2**

Moisture indicator value: **5.5**

Reaction indicator value: **5.8**

Nutrient indicator value: **5.4**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.11**

Disturbance frequency (herb layer): **1.29**

Disturbance severity: **0.67**

Disturbance severity (herb layer): **0.19**

Mowing frequency: **0.05**

Grazing pressure: **0.19**

Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) *Carpino-Fagetea sylvaticae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [S38 Temperate forest clearing scrub](#), [T32 Temperate mountain *Abies* forest](#)

Constant species of EUNIS habitats: [R57 Herbaceous forest clearing vegetation](#), [S38 Temperate forest clearing scrub](#), [T17 *Fagus* forest on non-acid soils](#), [T1F Ravine forest](#), [T31 Temperate mountain *Picea* forest](#), [T32 Temperate mountain *Abies* forest](#)

Broad habitat

Occurrence in broad habitats: **Spring, Wetland, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality amplitude: **5**