Epilobium angustifolium

Habitus and growth type

Plant height [m]: **0.97**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **22.91**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.13**
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: **Mesic**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**
Temperature indicator value: **4.8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.3**
Disturbance frequency (herb layer): **1.34**
Disturbance severity: **0.64**
Disturbance severity (herb layer): **0.3**
Mowing frequency: **0.13**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Grazing pressure: **0.19**
Soil disturbance: **0.19**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CF (ROB) *Robinietea*, QG (EPI) *Epilobietea angustifolii*, QH (ARC) *Matricario-Poetea arcticae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R57 Herbaceous forest clearing vegetation, S38 Temperate forest clearing scrub, T3H Larix light taiga**
Constant species of EUNIS habitats: **R57 Herbaceous forest clearing vegetation, S32 Temperate Rubus scrub, S38 Temperate forest clearing scrub, T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils, T3F Dark taiga, T3G Pinus sylvestris light taiga, T3H Larix light taiga**
Dominant species of EUNIS habitats: **R57 Herbaceous forest clearing vegetation**

Broad habitat

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

Distribution

Continentality amplitude: **8**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz