Epilobium hirsutum

Habitus and growth type

Plant height [m]: **1.03**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **26.92**

Flower

Flowering period: **June-September**

Fruit, seed and dispersal

Seed mass [mg]: **0.12**
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: **Wet**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**
Moisture indicator value: **8**
Reaction indicator value: **7.3**
Nutrient indicator value: **7**
Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **0.99**
Disturbance frequency (herb layer): **1.43**

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

Disturbance severity: **0.46**
Disturbance severity (herb layer): **0.42**
Mowing frequency: **0.47**
Grazing pressure: **0.18**
Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea*, QG (EPI) *Epilobietea angustifolii***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R55 Lowland moist or wet tall-herb and fern fringe**
Constant species of EUNIS habitats: **R55 Lowland moist or wet tall-herb and fern fringe**

Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Grassland (non-alpine, non-saline), Synanthropic**

Distribution

Continentality amplitude: **6**

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