

# ***Epilobium hirsutum***

## **Habitus and growth type**

Plant height [m]: **1.03**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/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**

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

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**