

# ***Epilobium lanceolatum***

## **Habitus and growth type**

Plant height [m]: **0.38**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Flower**

Flowering period: **May-July**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.1**

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: **Acidic**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.4**

Moisture indicator value: **4.6**

Nutrient indicator value: **3.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.09**

Disturbance frequency (herb layer): **1.34**

Disturbance severity: **0.67**

Disturbance severity (herb layer): **0.17**

Mowing frequency: **0.03**

Grazing pressure: **0.2**

Soil disturbance: **0.12**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [KE \(THL\) \*Thlaspietea rotundifolii\*](#)

### Broad habitat

Occurrence in broad habitats: **Spring, Scrub, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: **4**

Continentality amplitude: **4**