

# *Epilobium roseum*

## Habitus and growth type

Plant height [m]: **0.48**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **48.3**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.08**

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: **6.9**

Moisture indicator value: **8.2**

Reaction indicator value: **7.4**

Nutrient indicator value: **7.6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.76**

Disturbance frequency (herb layer): **1.45**

Disturbance severity: **0.57**

Disturbance severity (herb layer): **0.47**

Mowing frequency: **0.33**

Grazing pressure: **0.19**

Soil disturbance: **0.18**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [\*\*OD \(PHR\) \*Phragmito-Magnocaricetea\*\*\*](#)

### Broad habitat

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

## **Distribution**

Continentality amplitude: **6**