

# ***Epilobium collinum***

## **Habitus and growth type**

Plant height [m]: **0.27**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Flower**

Flowering period: **May-August**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.06**

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: **7.6**

Temperature indicator value: **4.7**

Moisture indicator value: **5**

Reaction indicator value: **3.8**

Nutrient indicator value: **3.6**

Salinity indicator value: **0.3**

### **Disturbance indicator values**

Disturbance frequency: **0.49**

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

Disturbance severity: **0.61**

Disturbance severity (herb layer): **0.41**

Mowing frequency: **0.24**

Grazing pressure: **0.2**

Soil disturbance: **0.22**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [KC \(ASP\) \*Asplenietea trichomanis\*](#),  
[KE \(THL\) \*Thlaspietea rotundifolii\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [U23 Temperate, lowland to montane siliceous scree](#)

Constant species of EUNIS habitats: [U23 Temperate, lowland to montane siliceous scree](#)

### Broad habitat

Occurrence in broad habitats: **Spring, Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**

## Distribution

Continentality: **5**

Continentality amplitude: **3**