

# *Polygonum bellardii*

## Habitus and growth type

Plant height [m]: **0.28**

Life span: **Annual**

Life form: **Therophyte**

## Flower

Flowering period: **March-October**

## Fruit, seed and dispersal

Seed mass [mg]: **1.55**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

## 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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.8**

Moisture indicator value: **3**

Reaction indicator value: **6.8**

Nutrient indicator value: **5.8**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.22**

Disturbance frequency (herb layer): **1.89**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.65**

Mowing frequency: **0.31**

Grazing pressure: **0.21**

Soil disturbance: **0.45**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: **[DB \(FEP\) Festuco-Puccinellietea](#)**

EUNIS habitat

Diagnostic species of EUNIS habitats: **[S68 Semi-desert sand dune with sparse scrub](#)**,  
**[S94 Semi-desert riparian scrub](#)**

Broad habitat

Occurrence in broad habitats: **Saline vegetation, Scrub**