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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz