

# *Plantago bellardii*

## Habitus and growth type

Plant height [m]: **0.07**

Life span: **Annual**

Life form: **Therophyte**

## Flower

Flowering period: **February-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.86**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.3**

Temperature indicator value: **10.3**

Moisture indicator value: **3.5**

Reaction indicator value: **6.5**

Nutrient indicator value: **3**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **1.36**

Disturbance frequency (herb layer): **2.01**

Disturbance severity: **0.63**

Disturbance severity (herb layer): **0.55**

Mowing frequency: **0.34**

Grazing pressure: **0.37**

Soil disturbance: **0.31**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FI \(TUB\) \*Helianthemetea guttati\*](#), [FJ \(TRA\) \*Stipo-Trachynietea distachyae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1D Mediterranean closely grazed dry grassland](#), [R1R Mediterranean to Atlantic open, dry, acid and neutral grassland](#), [S63 Eastern garrigue](#), [S72 Eastern Mediterranean spiny heath \(phrygana\)](#)

Constant species of EUNIS habitats: [R1R Mediterranean to Atlantic open, dry, acid and neutral grassland](#)

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree)**