# *Plantago holosteum*

## Habitus and growth type

Plant height [m]: **0.2**
Life span: **Perennial**
Life form: **Hemicryptophyte**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.7**
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: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8.7**
Temperature indicator value: **7.3**
Moisture indicator value: **3.7**
Reaction indicator value: **6**
Nutrient indicator value: **2.7**
Salinity indicator value: **0.5**

### Disturbance indicator values

Disturbance frequency: **1.19**
Disturbance frequency (herb layer): **1.51**
Disturbance severity: **0.42**
Disturbance severity (herb layer): **0.38**

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Mowing frequency: **0.33**
Grazing pressure: **0.32**
Soil disturbance: **0.15**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **CJ (COR) *Koelerio-Corynephoretea canescentis*, DA (FES) *Festuco-Brometea*, FJ (TRA) *Stipo-Trachynietea distachyae*, JB (CRI) *Crithmo-Staticetea***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **R14 Perennial rocky grassland of the Italian Peninsula, R17 Heavy-metal dry grassland of the Balkans, R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region**

Constant species of EUNIS habitats: **R14 Perennial rocky grassland of the Italian Peninsula, R17 Heavy-metal dry grassland of the Balkans, R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region, R1K Balkan and Anatolian oromediterranean dry grassland, R1N Open Iberian supramediterranean dry acid and neutral grassland, U3B Mediterranean ultramafic inland cliff**

### Broad habitat

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

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